

# LEHI HIGH SCHOOL

## Course Catalog



*2018 – 2019*

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## **GRADUATION REQUIREMENTS**

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### **3.0 Credits LANGUAGE ARTS**

1.0 English 9  
1.0 English 10  
1.0 English 11

### **1.0 Credit LANGUAGE ARTS ELECTIVE**

### **2.0 Credits SCIENCE CORE**

Taken from 2 of the following 4 areas:  
Earth Systems (9th); Biology; Chemistry;  
Physics

### **1.0 Credit SCIENCE ELECTIVE**

### **2.0 Credits MATH CORE**

1.00 Elementary Math  
1.00 Advanced Math

### **1.0 Credit MATH ELECTIVE**

### **2.0 Credits PHYSICAL EDUCATION/HEALTH**

.5 Health  
.5 Participation Skills (9th)  
.50 Fitness for Life (10<sup>th</sup>)  
.50 PE Elective

### **3.0 Credits SOCIAL STUDIES**

.5 Geography (9<sup>th</sup>)  
.5 World Civilizations  
1.0 United States History  
.5 Government & Citizenship  
.5 Social Studies Elective

### **1.5 Credits ARTS**

### **1.0 Credit CAREER TECHNOLOGY ED**

### **.50 COMPUTER TECHNOLOGY**

### **.50 Credit FINANCIAL LITERACY**

### **9.50 Credits GENERAL ELECTIVES**

### **28.0 TOTAL CREDITS**

### **CIVICS TEST (Required for Graduation)**

Take the test online at:  
<http://alpineivics.org>  
To login: Use your Skyward username  
Use your student number as the password

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## **ADMISSION REQUIREMENTS FOR UTAH COLLEGES and UNIVERSITIES**

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*University of Utah and Utah State University require (other colleges/universities strongly recommend) the following courses:*

**4.0 Units English** (emphasizing composition literature: English 9, English 10, English 11, English 12 or English AP)

**3.0 Units Math (4 years are encouraged)** select from Secondary Math 1, Secondary Math 2, Secondary Math 3, Calculus. AP Calculus, AP Statistics

**3.0 Units Science Core** (Biology; Chemistry; Physics)

**2.0 Units Foreign Language** (Same language) Required by University of Utah, recommended by all other colleges.

**1.0 Unit United States History**

**4.0 Units Additional Courses** (Select from at least two groups: English, history, math beyond Secondary Math 2, foreign language, lab science, social science, fine arts.)

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**NOTICE TO STUDENTS:**

Utah law assures all eligible handicapped children and youth (5 through 21) the right to free, appropriate public education at no cost to their parents or guardians. If students or parents at Lehi High School have a complaint that there is or has been a violation of the law, we invite them to discuss their concerns with a teacher, counselor, principal or district supervisor.

Sexual Harassment: Alpine School District is committed to the maintenance of a learning environment which is free of any sexual harassment; an environment where students may attend school free of unwanted conduct or communication of a sexual nature; one which is in compliance with State and Federal laws dealing with this form of discrimination. Students who have complaints of sexual harassment - student to student - should fill out a complaint form through the Counseling Office. Any other complaints of sexual harassment other than among students should go through school administrators.

**Students who compete in extra-curricular activities must:**

- 1) Maintain a 2.0 GPA
- 2) Have no more than one failing grade in a grading period.

Transferring students should review state eligibility requirements with the principal.

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**COURSE CODES**

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E9..... English 9  
E10..... English 10  
E11..... English 11  
E-E..... English Elective  
A..... Arts  
H..... Health  
EM..... Elementary Math  
AM..... Advanced Math  
M-E..... Math Elective  
CTE..... Career Technology Education  
PES..... PE - Skills  
PEF..... PE - Fitness  
PEA..... PE - Elective  
SC..... Science Core  
S-E..... Science Elective  
SS-E..... Social Studies Elective  
US..... U.S. History  
G..... Geography  
WC..... World Civilizations  
GC..... Government & Citizenship  
FIN..... Financial Literacy  
FC..... Flexible Credit (class may be repeated)

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## COURSES FILLING GRADUATION REQUIREMENTS

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### LANGUAGE ARTS ELECTIVE:

Chinese 3	French 3	UVU: Communication 1020
English 12	French 4	UVU: English 1010
English 12 – Resource	Popular Literature	UVU: English 2010
English Language, AP	Science Fiction	
English Literature, AP	Spanish 3	
Debate	Spanish 4	
Film Lit 1 & 2	Yearbook (Tech Writing)	

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### THE ARTS:

3D Design	Film Lit 1 & 2	Percussion
A'Capella	Drama 3	Photography 1
Advertising Design	Drama 4	Photography 2
Art AP	Drawing 1	Chamber Choir (Encore)
Art Foundations	Drawing 2	Stage Craft
Art Honors	Jazz Band	Stage Crew
Choir	Music Appreciation	Symphonic Band
Dance 1	Musical Theater	Wind Symphony
Dance 2	Music Theory AP	UVU: Art 1010
Dance 3 (Synergy)	Orchestra	UVU: THEA 1023
Dance Company	Painting	UVU: MUSC 1030

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### CAREER TECHNOLOGY EDUCATION:

Advertising Design	Emergency Medical Services	Medical Terminology
Ag Mechanics 1	Entrepreneurship	Natural Resource Mgt
Ag Mechanics 2	Fashion Design	Photography 1 & 2
Animal Science	Floral Design	Physics w/Technology
Biology Ag Science	Foods 1 & 2	Sports Marketing
Business Law	Game Design	Sports Medicine
Business Management	Greenhouse	TV/Video Production
CAD Mechanical Design 1 & 2	Horse Management	TV/Video Production – Live
Child Development	Interior Design	TV/Video Production – Legacy
Clothing 1 & 2	Internship	Woodworking 1
Computer Programming 1	Law Enforcement	Woodworking 2
Computer Programming 2	Marketing	Yearbook (Adv Com Photo)
Culinary Arts	Medical Anatomy	
Early Childhood Education	Medical Science, Intro	

*For Additional CTE Options See Off Campus Technology Programs – MTEC*

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### PE SKILLS

PE Skills (9<sup>th</sup> Grade)

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### PE FITNESS:

Fitness For Life

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**PE ELECTIVE:**

Ballroom Dance	Dance 2	Musical Theater (Allgaier)
Ballroom Dance Team	Dance 3 (Synergy)	Volleyball Team (athletes)
Baseball Team (athletes)	Dance Company	Wrestling Team (athletes)
Basketball Team (athletes)	Drill Team	Weight Training
Cheerleader	Football Team (athletes)	Unified Sports (2.5 GPA)
Dance 1	Lifetime Activities	Yoga

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**SCIENCE CORE (two courses from the following 5 areas):**

1- Earth Systems  
2- Biology ..... Biology Ag Science ..... AP Biology.... UVU: Biology 1010  
3- Physics ..... Physics with Technology ..... AP Physics  
4- Chemistry ..... AP Chemistry  
5- Computer Science ..... Computer Programming 2

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**SCIENCE ELECTIVE:**

Animal Science	Geology	Physics AP
Astronomy	Greenhouse	Physics with Technology
Biology	Horse Management	Zoology
Biology AP	Medical Anatomy & Physiology	UVU: Biology 1010
Biology-Ag Science	Marine Biology	UVU: Meteorology 1010
Chemistry	Natural Resource Management	
Chemistry AP	Physics	

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**MATH CORE:**

Secondary Math 1		
Secondary Math 2 .....	Secondary 2 Honors .....	Secondary 2 Essentials
Secondary Math 3 .....	Secondary 3 Honors .....	Secondary 3 Essentials
Math 1050 .....	Intro to Calculus .....	Calculus AP

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**MATH ELECTIVE:**

Secondary Math 3	AP Calculus	(teacher recommendation)
Secondary Math 3 Honors	*College Prep Math	**Opt –Out of Secondary 3 form
Secondary Math 3 Essentials	*Computer Programming	required for Math-Elective if
Math 1050	UVU: Math 1030	not taking Secondary 3 or
Intro Calculus		beyond
AP Statistics	*Math Decisions	

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**GEOGRAPHY FOR LIFE:**

Geography For Life (9<sup>th</sup>)

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**SOCIAL STUDIES - ELECTIVE:**

Ancient World History  
European History AP  
Government & Politics AP  
Modern World History  
Psychology  
Psychology AP

Sociology  
Sports Psychology  
US History AP  
Wars  
World History AP

UVU: Political Science 1100  
UVU: Sociology 1010  
UVU: Sociology 1200  
UVU: Psychology 1010  
UVU: Philosophy 205G

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**US HISTORY:**

US History

US History AP

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**WORLD CIVILIZATION:**

Ancient World History

Modern World History

AP World History

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**GOVERNMENT & CITIZENSHIP:**

Government & Citizenship

AP Government & Politics

UVU: Political Science 1100

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**FINANCIAL LITERACY:**

Financial Literacy

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**Computer Technology (Digital Studies):**

Digital Business Applications

Computer Programming 1

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## COLLEGE CREDIT

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### *AP COURSES (College credit through passing the AP test)*

Art AP	English – Lit AP	Psychology AP	World History AP
Biology AP	European Hist AP	Physics AP	
Calculus AP (AB)	Gov't & Politics AP	Statistics AP	
English – Lang AP	Music Theory AP	US History AP	

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## CONCURRENT ENROLLMENT

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### *Concurrent Enrollment Courses Offered at Lehi High School (11<sup>th</sup> & 12<sup>th</sup> Grade)*

#### **Dance 3 (Synergy)**

Dance 141R Introduction to Modern Dance  
2 semesters hours UVU credit

#### **EMR (Emergency Medical Responder)**

HLTH 1200 First Aid  
2 semester hrs UVU credit

#### **Geology**

GEO 1010 Intro to Geology  
3 semester hrs UVU credit  
GEO 1015 Geology Lab  
1 semester hr UVU credit

#### **MATH 1050 College Algebra**

4 semester hrs UVU credit  
Prerequisite: ACT Math Score 23+

#### **Woods 2**

CAW 140R Millworking 1  
4 semester hours UVU credit

#### **Computer Programming 1**

CS 1030 Foundations of Computer Science  
3 semester hrs UVU credit  
CS 1400 Fundamentals of Programming  
3 semester hrs UVU credit

#### **Computer Programming 2**

CS 1410 Object Oriented Programming  
3 semester hrs UVU credit

#### **Culinary Arts / Culinary Management**

HM 1110 Culinary Basics (1<sup>st</sup> year)  
3 semester hrs UVU credit  
HM 1180 Food & Beverage Mgt (2<sup>nd</sup> year)  
3 semester hrs UVU credit

#### **Astronomy (Year only – B5)**

ASTR 1040 Elementary Astronomy  
3 semester hours UVU credit

#### **Chemistry (Gines only)**

CHEM 1010 Intro to Chemistry  
& CHEM 1015 Lab  
4 semester hours UVU credit

#### **Building Construction**

6 semester hrs UVU credit

#### **Financial Lit (Judson only A1 & A4)**

Fin 1060 Personal Finance  
3 semester hours UVU credit

#### **Sports Medicine**

PES 2400 Sports Injuries  
2 semester hours UVU credit

#### **CAD Mech Design 1 & 2**

EGDT 1040 Computer Aided Drafting Auto CAD (1)  
3 semester hours UVU credit  
EGDT 1071 3D Modeling – Solidworks (2)  
3 semester hours UVU credit

#### **Spanish 3**

SPAN 1020 Intermediate Spanish 1  
4 semester hours UVU credit

#### **Spanish 4**

SPAN 2010 Intermediate Spanish 2  
4 semester hours UVU credit

#### **TV Video Production**

DGM 1520 Corporate & Documentary Production  
3 semester hours UVU credit



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## **SENATE BILL 178**

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### **(Public Education Online)**

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In accordance with Senate Bill 178, students may take a portion of their credits in an online format for the 2017-2018 school year. For information on online providers, the amount of credit approved and frequently asked questions see [www.schools.utah.gov/edonline](http://www.schools.utah.gov/edonline). Students must also have a current CCR (College & Career Readiness Plan) in place with their school counselor.

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### **CENTENNIAL SCHOLARSHIP (Early Graduation)**

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In accordance with Senate Bill 27, students may graduate at the end of 11th grade, if they have completed all requirements for graduation in Alpine School District (28 credits). The eleventh grade graduation plan will enable students to receive a tuition credit up to \$1,000 for colleges/universities within the state of Utah. This tuition credit is applied for upon enrollment at the college or university. Students in 12th Grade may receive a pro-rated early graduation tuition credit of \$250 per quarter of early graduation.

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### **NEW CENTURY SCHOLARSHIP Completion of Associate Degree**

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The New Century Scholarship encourages students to accelerate their education by earning an Associate's degree in high school from an institution within the Utah System of Higher Education.

*For more information see website: <http://stepuputah.com/newcenturyscholarship>*

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### **REGENTS SCHOLARSHIP**

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The Regents' Scholarship encourages Utah high school students to prepare for college academically and financially by taking a core course of study and saving for college. The scholarship may be used at any public college or university in the Utah System of Higher Education, as well as at Brigham Young University-Provo, LDS Business College, and Westminster College.

*For more information see website: <http://stepuputah.com/regentsscholarship>*

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# COURSE DESCRIPTIONS

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## AGRICULTURAL SCIENCE AND TECHNOLOGY

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### **BIOLOGY - AGRICULTURAL SCIENCE**

80333 (SC) (CTE) (S-E)

Full Year Grades 10-12

This course is 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, with the only difference being the degree of emphasis on agriculture. Students completing this course will be 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 (CIP 2.0112)

### **AGRICULTURAL MECHANICS 1**

80213 (CTE)

Full Year Grades 10-12

Note: \$15.00 lab required

This course teaches basic skills related to the mechanical activities involved with agricultural production/service. Instruction includes field and laboratory application of the concepts taught. Students will develop skills in the areas of hot and cold metal, tool reconditioning, plumbing, painting, bill of materials, small gas engines, and basic welding. Emphasis will be placed on safety and proper use of tools and equipment. (CIP 1.0211)

### **AGRICULTURAL MECHANICS 2**

80223 (CTE) (FC)

Full Year Grades 11-12

Prerequisite: Agricultural Mechanics 1

Note: \$15.00 lab required

This course prepared individuals in a general ways to select, operate, maintain, service, sell, and use agricultural power units, machinery, equipment, structure, and utilities. It includes instruction in agricultural power units; the planning and selection of materials for the construction of agricultural facilities; and

the mechanical practices associated with irrigation, drainage, run-off, water conservation, erosion control, and farm welding, including gas and electric, and other agricultural mechanization applications. The course will also include field or laboratory applications of concepts being taught. (CIP 1.0221)

### **ANIMAL SCIENCE (CTE) (S-E)**

Full Year Grades 10-12

Prerequisite: Biology-Agricultural Science or Biology

Note: \$15 lab required

This course exposes students to a wide range of scientific principles, such as genetics, anatomy, physiology/nutrition, disease, pests, and management practices. The science processes of observation, measurement, hypothesizing, data gathering, interpretation, analysis, and application are stressed. Career opportunities and educational preparation are examined. Learning activities are varied, with classroom, laboratory, and field experiences emphasized.

### **FLORAL DESIGN (CTE)**

Semester Grades 10-12

Note: \$15.00 lab required

This course covers principles of floral art with an emphasis on commercial design. Topics include basic design styles and color harmonies; identification, use, and care of processing of cut flowers and foliage; mechanical aids and containers; personal flowers; holiday designs; and plant identification and care. The student will demonstrate the ability to identify floral design styles and color harmonies; identify cut flowers and foliage and the care and processing methods for extended vase life; select containers and mechanical aids; and create basic floral arrangements. The study of the general principles of plants, and their life processes and morphology, with emphasis on major floral crops are also covered. (CIP 1.0631)

## **HORSE MANAGEMENT** (CTE) (S-E)

*Semester Grades 10-12*

*Prerequisite: Biology-Agricultural Science or Biology*

This course prepares students to care for horses and horse equipment; to train horses for various work and athletic or entertainment roles; and to manage horse training, breeding, and housing programs and facilities. Students will also cover horse sciences which include genetics, anatomy, physiology/nutrition, diseases, and pests. Learning activities are varied, with classroom, laboratory, and field experiences emphasized to care for horses and horse equipment. (CIP 2.0221)

## **NATURAL RESOURCE MANAGEMENT** (CTE) (S-E)

*Semester Grades 10-12*

*Note: \$15.00 lab required*

Students will participate in activities that include instruction on the importance of production management and conservation of our natural resources such as, irrigation practices in the west, livestock grazing, forestry, mining, and habitat restoration. Students will investigate local wildlife native to Utah and learn more about local organizations such as the Utah Division of Wildlife Resources, as well as State and National Forests, Parks and National Monuments. Field and laboratory experiences will be emphasized. (CIP 3.0111)

## **GREENHOUSE MANAGEMENT** (CTE) (S-E)

*Year Grades 10-12*

*Note: \$15.00 lab required*

This course will expose students to wide range of plant, landscape, and greenhouse operation and management practices. This will prepare students to produce commercial plant species in a natural and controlled environment, as well as manage commercial and experimental operations.

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# **BUSINESS and MARKETING EDUCATION**

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## **COMPUTER TECHNOLOGY (Required)** (CT)

*Semester Grades 10-12*

*Note: \$15.00 fee required*

Students will identify career opportunities in information processing and manage files using Microsoft Office 2007. The emphasis is on business computer applications, such as spreadsheet, word processing, graphics, desktop publishing, and telecommunications. (CIP 52.0417)

## **BUSINESS LAW** (CTE) (IVC)

*Semester Grades 10-12*

This course will include a basic understanding of the court system at the local, state, national and international levels. Students will be introduced to contract, financial transaction and consumer law; their rights and responsibilities as citizens; employment and agency relationship and different types of business organizations. Students will have the opportunity to participate in mock trials. (CIP 52.0441)

## **ENTREPRENEURSHIP** (CTE)

*Semester Grades 10-12*

Entrepreneurship is a semester class which introduces students to the perils, pitfalls and joys of small business ownership. Students will explore the traits of successful entrepreneurs and the important role they play in our economy. The entire process of starting a small business from initial research to management and legal concerns will be examined. Additional topics include innovation, patents and copyrights, entity structuring, financing and marketing. Students will be guided through the process of developing a complete business plan. (CIP 8.0301)

## **YEARBOOK (Adv Com Photo)(FC)**

*Full Year Grades 10-12*

This course provides the study of and practice in gathering and analyzing information, interviewing, and note taking for the purpose of: (1) writing, (2) editing, and (3) publishing for the yearbook. A full year class, yearbook is responsible for recording the school year's history in word and photography, and students will learn how to take, edit, process, and layout photos in order to create a technically sound publication. This course includes instruction and practice in effective journalistic writing forms and techniques as well as layout, design, photojournalism, and typography. This class will be taught in conjunction with the Yearbook—Technical Writing course, so as to pair writers and photographers in the creation of a professional yearbook.

## **MARKETING (CTE)**

*Full Year Grades 10-12*

An introductory course that will teach concepts of entry-level business and marketing functions. The following skill standards will prepare the student in Marketing, marketing and business fundamentals, selling, financing, product/service planning, information management, purchasing, distribution, pricing, promotion, risk management, career development, economics, communications, human relations, marketing math, and marketing operations. Students taking marketing classes will have the opportunity to participate in DECA (An Association of Marketing Students). Marketing is the prerequisite class for Sports Marketing.

## **SPORTS MARKETING (CTE)**

*Full Year Grade 12*

*Prerequisite: Marketing and teacher approval*

This is a specialized course which will help students develop a thorough understanding of the marketing concepts and theories that apply to sports and sporting events. The areas this course will cover include basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals, and sports marketing plans. Students will have a hands-on experience with promotion plans, sponsorship proposals, and the key elements needed in

sports marketing plans.

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## **COMPUTER PROGRAMMING**

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### **COMPUTER PROGRAMMING 1**

*(M-E) (CTE) (CT)*

*Full Year Grades 10-12*

*Prerequisite: Basic Computer Skills*

*Note: 15.00 Lab Fee*

*Concurrent Enrollment: CS 1030 / CS 1400*

“I think everybody in this country should learn how to program a computer because it teaches you how to think,” said Steve Jobs. This year-long computer programming course will be fun and also teach you to think. This includes creating software, game development, and business applications. Students will learn to design, code, and test their own programs. Student will learn Microsoft's C# programming language, Kodu game development, and MonoGame studio.

As a supplement and reinforcement, students will create basic PC games. This course includes the fundamentals and basic theories of computer programming, simple control and data structures, basic operating systems and file commands, and the use of text files. Students will also apply mathematical skills throughout the course. The course fundamentals includes conditionals, looping, methods, file manipulation, arrays, objects, and classes. This is a UVU Concurrent Enrollment course offering 6 credit hours: CS 1030 and CS 1400

### **COMPUTER PROGRAMMING 2**

*(M-E) (CTE)*

*Full Year Grades 10-12*

*Prerequisite: Computer Programming 1*

*Note: 15.00 Lab Fee*

*Concurrent Enrollment: CS 1410*

Are you looking for a career in computer programming? Then this C# and C++ course is a must! You *should learn C++* because it's very commonly used, it's efficient, and it's the basis of many other languages in common use.

This is an advanced course in computer programming using C# and C++ which reviews and builds on the concepts introduced in CPI. CP2 introduces students to more advanced concepts including classes, inheritance,

polymorphism, dynamic allocation of data, advanced GUI techniques, and application of pointers, queues, stacks, and recursion. Students will learn to design, code, and test their own programs. As a course supplement, students will learn to create PC games using C# and MonoGame Studio. This is a UVU Concurrent Enrollment course offering 3 credit hours: CS 1410

### **GAME DESIGN (CTE)**

*Semester Grades 11 – 12*

*Prerequisite: Computer Programming 1 or Web Design*

Creating, coding, and making games IS fun and for everyone! Do you want to learn how to make your own games? There is no limit to what you can achieve. This course will use the BEST beginning game engine, GameMaker Studio 2. GameMaker has everything you need to take your idea from concept to finished game with no barriers to entry and powerful functionality. Students will learn the GameMaker (GML) coding language. Did you know that Utah Valley University now offers a Bachelor of Science degree in Animation and Game Development?

This course is designed to provide students with knowledge and project based experience of fundamental game development include game design, scripting, creation of digital assets, graphic resources, animations, understanding hardware, problem solving, critical thinking, collaboration, and project management.

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## **DRIVER EDUCATION**

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### **DRIVER EDUCATION / CAREERS**

*94001 / 94002*

*Semester*

*Grades 10 - 11*

*Note: \$90.00 fee required*

*Note: Students register for a semester of Driver Education and Careers.*

Career Education offers students the opportunity to explore various career options. Students will use “Choices”, a computer program to explore interests, aptitudes and abilities. This information will be directed

toward actual job-seeking skills such as resume writing, handling interviews with employers, job applications, etc.

Driver Education is designed to fulfill the state requirements for a driver’s license under the present Utah State Law. Each student will complete 45 hours of classroom instruction, 6 hours behind the wheel at the high school driving range, and at least three hours on-the-road training. To obtain a driver’s license, the student must have a B- average (80%) grade. Students will register according to the month they turn 16 based upon the following schedule:

**First Semester (Birthdays):**

September, October, November,  
December, January, February

**Second Semester (Birthdays):**

March, April, May, June, July,  
August, September

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## **ENGLISH**

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### **ENGLISH 10 (E10)**

*Full Year Grade 10*

*Note: \$15.00 fee required*

Students will begin a more intensive emphasis on the writing process in the informational and functional areas as well as continued development of listening, viewing and speaking skills. Students will study all genres in American literature, reading classic as well as modern American authors.

### **ENGLISH 10 – HONORS (E10)**

*Full Year Grade 10*

*Prerequisite: English 9 Honors or application*

*Note: \$15.00 fee required*

This accelerated course is designed to prepare college-bound students for AP Language and/or AP Literature courses. Class size will be limited. Students will continue an intensive emphasis on the writing process in the informational and functional areas, as well as the continued development of listening, viewing and speaking skills. Students will study all genres of American literature, reading classic as well as modern American authors. Students must maintain a B in order to stay in the class.

**ENGLISH 10 Co-Taught (E10)**

Full Year Grade 10

Prerequisite: IEP Placement

Note: \$15.00 fee required

Students will begin a more intensive emphasis on the writing process in the informational and functional areas as well as continued development of listening, viewing and speaking skills. Students will study all genres in American literature, reading classic as well as modern American authors.

**ENGLISH 10 - RESOURCE (E10)**

Full Year Grade 10

Prerequisite: IEP Placement

Note: \$15.00 fee required

Admission to and requirements for this class will be based upon IEP.

**ENGLISH 11 (E11)**

Full Year Grade 11

Note: \$15.00 fee required

Students read, write, listen to and view from functional, informational and literary texts from different periods, cultures and genres in world literature. Students will also add to their presenting and speaking skills through group and individual practice.

**ENGLISH 11 - HONORS (E11)**

Full Year Grade 11

Prerequisite: 3.0 GPA

Note: \$15.00 fee required

Prerequisites and admittance to this class will be based upon scores from the Language Arts State Core, scores from the national IOWA assessment in language arts and reading, as well as cumulative GPA

This accelerated course is designed to prepare college-bound students for AP Language and /or AP Literature courses. Class size will be limited.

Students will read, write, listen to and view functional, informational and literary texts from different periods, cultures and genres in world literature. Students will also add to their presenting and speaking skills through group and individual practice.

**ENGLISH 11 Co-Taught (E11)**

Full Year Grade 11

Prerequisite: IEP Placement

Note: \$15.00 fee required

Students read, write, listen to and view from functional, informational and literary texts from different periods, cultures and genres in world literature. Students will also add to their presenting and speaking skills through group and individual practice.

**ENGLISH 11 - RESOURCE (E11)**

Full Year Grade 11

Prerequisite: IEP Placement

Note: \$15.00 fee required

Admission to and requirements for this class will be based upon IEP.

**ENGLISH LITERATURE AP**

(E-11)\* (E-E)

Full Year Grade 11-12

Prerequisite: Seniors - 3.6 cum GPA

Prerequisite: Juniors - teacher approval

Note: \$15.00 fee required

This course engages students in the careful reading and critical analysis of imaginative literature. Through close reading of selected literary works, students deepen their understanding and enhance their pleasure in literature. They develop critical standards for interpreting the effects writers create by means of the artful manipulation of language. To achieve these goals, students study individual works, their characters, action, structure, and language. They consider both large-scale literary elements such as form and theme, and smaller-scale elements such as figurative language, imagery, symbolism, and tone. Students analyze these and other aspects of literature in their need to derive meaning from their experience of reading. Students consider literary works in their historical context and in relation to their own lives and experience as well. Students must maintain a "B" each term to remain in class.

**\*ENGLISH 11 credit will be given to students who pass the English 11 Core test at the end of the year.**

**ENGLISH LANGUAGE AP (E-11)\*(E-E)**

Full Year Grade 11-12

Prerequisite: Seniors - 3.6 cum GPA

Prerequisite: Juniors - teacher approval

Note: \$15.00 fee required

This Advanced Placement English class is a college-level course in effective writing and critical reading. Students will read and write the kinds of discourse they will encounter

during college and on the job. The course will focus on nonfiction literature, while preparing students for the AP Language and Composition exam. Discover why “success often comes to those who have the aptitude to see way down the road.”

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## ENGLISH - ELECTIVES

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### **ENGLISH 12 (E-E)**

*Full Year Grade 12*

*Note: \$15.00 fee required*

English 12 is a continuation of English 11 for seniors only. The class is designed to review and supplement previously taught writing skills, mechanical skills, and usage problems. The reading, which will include modern novels, is broad-based.

### **ENGLISH LITERATURE AP**

*(E-11)\*(E-E)*

*Full Year Grade 11-12*

*Prerequisite: Seniors - 3.6 cum GPA*

*Prerequisite: Juniors – teacher approval*

*Note: \$15.00 fee required*

This course engages students in the careful reading and critical analysis of imaginative literature. Through close reading of selected literary works, students deepen their understanding and enhance their pleasure in literature. They develop critical standards for interpreting the effects writers create by means of the artful manipulation of language. To achieve these goals, students study individual works, their characters, action, structure, and language. They consider both large-scale literary elements such as form and theme, and smaller-scale elements such as figurative language, imagery, symbolism, and tone. Students analyze these and other aspects of literature in their need to derive meaning from their experience of reading. Students consider literary works in their historical context and in relation to their own lives and experience as well.

***\*ENGLISH 11 credit will be given to students who pass the English 11 Core test at the end of the year.***

### **ENGLISH LANGUAGE AP(E-11)\*(E-E)**

*Full Year Grade 11-12*

*Prerequisite: Seniors - 3.6 cum GPA*

*Prerequisite: Juniors – teacher approval*

*Note: \$15.00 fee required*

This Advanced Placement English class is a college-level course in effective writing and critical reading. Students will read and write the kinds of discourse they will encounter during college and on the job. The course will focus on nonfiction literature, while preparing students for the AP Language and Composition exam. Discover why “success often comes to those who have the aptitude to see way down the road.”

### **POPULAR LITERATURE (E-E)**

*Semester Grades 11-12*

*Note: \$15.00 fee required*

Students will read and discuss four current, popular young adult (YA) novels. We will also consider why these books have gained popularity, who reads them, and where we think certain series are headed. (You will not have book reports for this course, but will need to read the novels to participate in class assignments and discussions.)

### **FILM LITERATURE 1 (E-E) (A)**

*Semester Grades 10-12*

*Note: \$15.00 fee required*

Students explore the development of motion picture art form from the silent era to modern films. Essays, reports, and critical analysis of films are included.

### **FILM LITERATURE 2 (E-E) (A)**

*Semester Grades 10-12*

*Note: \$15.00 fee required*

A continuation of Film Lit 1. Can be taken without taking Film Lit 1 first.

### **SCIENCE FICTION (E-E)**

*Semester Grades 11-12*

*Note: \$15.00 fee required*

Science Fiction will explore the Hero's Journey through popular sci-fi literature both present and past. A final project will be required to show mastery of the content.

**DEBATE (E-E)**

Full Year Grades 10-12

Participation Fee: \$100

Students will learn the fundamentals of public speaking. An emphasis will be placed on the discussion of current events. Speaking areas will include Lincoln-Douglas debate, speeches to inform, persuade and entertain. Students will also learn Student Congress, impromptu speaking, panel discussions and a variety of other forms of public address. Interested students may choose to participate in interschool speaking competition.

**YEARBOOK - WRITING**

(E-E)

Full Year Grades 10-12

Prerequisite: 3.0 GPA or recommendation of previous English teacher

This course provides the study of and practice in gathering and analyzing information, interviewing, and note taking for the purpose of: (1) writing, (2) editing, and (3) publishing for the yearbook. A full year class, yearbook is responsible for recording the school year's history in word and photography, and students will learn how to take, edit, process, and layout photos in order to create a technically sound publication. This course includes instruction and practice in effective journalistic writing forms and techniques as well as layout, design, photojournalism, and typography.

**SPANISH 3(E-E)**

Full Year Grades 10-12

Prerequisite: Spanish 2

Recommended: "C" or above in Spanish 2 and consecutive years of Spanish 2 and Spanish 3

Spanish is used almost exclusively in the classroom with emphasis on reading and grammar review. Oral comprehension, oral practice and Spanish literature are stressed in the program

**FRENCH 3 (E-E)**

Full Year Grades 10-12

Prerequisite: French 2

Advanced study through a continuation of French 2.

**FRENCH 4 (E-E)**

Full Year Grades 10-12

Prerequisite: French 3

Individual study through a continuation of French 3

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**UVU Courses – See Distance Learning Section courses with (E-E) credit**

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**FAMILY AND CONSUMER SCIENCE**

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**CLOTHING 1 (CTE) (FC)**

Semester Grades 10-12

Note: \$10.00 fee required

Develop basic sewing skills while sewing sport clothes and equipment and other sports related items. This is an individualized course that prepares students with skills in the entire spectrum of clothing, apparel and textiles i.e., fashion and fabric selection; principles of clothing construction; selection, fitting, and alterations; custom tailoring; and clothing and textiles maintenance and care. Students will complete a minimum of four projects. (CIP 20.0113)

**CLOTHING 2 (CTE) (FC)**

Semester Grades 10-12

Prerequisite: Clothing 1

Note: \$10.00 fee required

This course is a continuation of Clothing I. Students will review the basic sewing, serging, pressing, and fabric construction techniques. Individual intermediate projects using design principles will be used as vehicles to further develop the students' skills. Other topics will include: apparel, textiles, pattern design, principles of clothing construction, fitting and alteration, custom sewing, home decorating, quilting, recycle and redesign and other entrepreneurial opportunities.



## **FASHION DESIGN (CTE)**

*Semester Grades 10-12*

This course explores how fashion influences everyday life and introduces students to the fashion industry. Topics covered include: fashion fundamentals, elements and principles of design, textiles, consumerism, and fashion related careers, with an emphasis on personal application. This course will strengthen comprehension of concepts and standards outlined in Sciences, Technology, Engineering and Math (STEM) education. FCCLA and/or DECA may be an integral part of this course.

## **INTERIOR DESIGN 1 (CTE)**

*Semester Grades 10-12*

*Note: \$10.00 fee required*

This course allows students to use their creativity while applying the elements and principles of design in the exciting world of interiors. Students will work with floor plans, color schemes, textures, fabrics, window treatments, home furnishings and equipment. Factors influencing housing choices are explored. Architectural design and furniture styles are also included in this course. Career opportunities related to housing and interior design will be examined. Student leadership (FCCLA) may be an integral part of this course. (CIP 20.0110)

## **FOODS 1 (CTE)**

*Semester Grades 10-12*

*Note: \$10.00 fee required*

This course is designed to focus on the science of food and nutrition. Experiences will include food safety and sanitation, culinary technology, food preparation and dietary analysis to develop a healthy life style with pathways to career readiness. Students will make a variety of recipes including but not limited to Double Stuffed Potatoes, Muffins, Pasta, Honey Glazed Chicken Stir-Fry, Brownies, and so much more.

## **FOODS 2 (CTE)**

*Semester Grades 10-12*

*Prerequisite: Foods 1*

*Note: \$10.00 fee required*

This course is designed to focus on principles of food preparation, sports nutrition, consumerism, and career options in the food industry. This course will study and apply nutrition, sanitation, food sciences and

technology. Knife skills will also be a large portion of the class. Students will make a variety of recipes including but not limited to Baked Sweet Potato Fries, Cinnamon Rolls, Pretzels, Oriental Chicken Salad, Fresh Fruit Tarts, Calzones, Beef Fajitas, Loaded Potato Soup and so much more.

## **CULINARY ARTS**

*Full Year Grades 11-12*

*Prerequisite: Foods 1 & 2*

*Note: \$20.00 fee required*

*Teacher Approval*

*Concurrent Enrollment*

*Offered every other year - alternating with Culinary Management*

Students will be trained for career opportunities in the food service/culinary arts industry. Students will have the opportunity to learn and practice safety and sanitation procedures, and to use and maintain commercial food service equipment. They will perform quantity food preparation as it relates to catering, bakery, restaurant, hospitality, and fast food business operations. This course is offered as a concurrent enrollment.

## **CULINARY MANAGEMENT**

*Full Year Grades 11-12*

*Prerequisite: Foods 1 & 2*

*Note: \$20.00 fee required*

*Teacher Approval*

*Concurrent Enrollment*

*Offered every other year - alternating with Culinary Arts*

Students will receive additional training for career opportunities in Culinary Arts and the Hospitality Industry. Students will have the opportunity to learn and practice safety and sanitation procedures, and maintain food service equipment. Students will perform quantity food preparation as it relates to catering, bakery, restaurant, hospitality, and quick service business operations. Greater emphasis will be placed on employment skills, management operations, and business and marketing practices. Students will also focus on foods around the world. This course is offered as a concurrent enrollment.

## **CHILD DEVELOPMENT (CTE)**

*Semester Grades 10-12*

This course provides students with an understanding of the aspects of human growth and development from prenatal to school age. The content covers children's physical, mental, emotional, and social growth from the prenatal period through aging. Parenting skills are developed as the appropriate care, positive guidance techniques, and child-related issues are studied. Learning activities, observation techniques, and working with children are included. (CIP 20.0102)

## **EARLY CHILDHOOD EDUCATION I**

*Full Year Grades 11-12*

*Prerequisite: Child Development*

This year long course prepares individuals for child-related careers and/or more extensive parenting skills through personal interaction with children. Instruction is given in developing positive relationships with and learning experiences for children, childcare policies and management, guidance techniques, and health and safety concerns. Onsite preschool and/or child care experiences will be a major component of the course. Previous completion of the Child Development course is required. FCCLA may be an integral part of the course.

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## **FINANCIAL LITERACY**

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### **FINANCIAL LITERACY (FIN)**

*Semester Grades 11-12*

This course will enable students to implement decision-making skills they must apply and use to become wise and knowledgeable consumers, savers, investors, users of credit, money managers, citizens, and members of a global workforce and society. At the end of the course students will be informed and prepared to be prudent managers of financial resources, enabling them to achieve long and short term financial goals and security; demonstrate an understanding of personal financial planning and sound money management skills; actively participate in and understand management of personal saving and investments and accept responsibility for and understand personal and societal consequences of financial decisions.

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## **FINE ARTS**

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### **ART FOUNDATIONS (A)**

*Semester Grades 10-12*

*Note: \$15.00 fee*

This is an entry level art course that will introduce the elements of art—line, shape/form, space, value, texture, and color through a variety of approaches, forms, and media. Each element of art is covered by producing projects in a variety of media that emphasize what has been taught. Students will be responsible to provide their own sketchbook and some drawing materials.

### **3D DESIGN (A) (FC)\***

*Semester Grades 10-12*

*Note: \$15.00 fee*

A study of design principles through three-dimensional media; including wire sculpture, paper sculpture, carving plaster of paris, origami, and other three dimensional media. 3D Design

### **DRAWING 1 (A) (FC)\***

*Semester Grades 10-12*

*Note: \$15.00 fee*

This course explores the elements and principles of art and how they are used to create works of art. Students will learn basic drawing skills that they will apply to a variety of media such as: Graphite (pencil), charcoal, ink, colored pencil, and pastel. A variety of subject matter will be covered including: still life, perspective, portraiture, figure drawing, abstract, and symbolism. Students will be responsible to provide their own sketchbook and some drawing materials. *\*This course can be repeated but only once a year.*

### **DRAWING 2 (A) (FC)\***

*Semester Grades 10-12*

*Note: \$15.00 fee*

A continuation of Drawing 1

### **ADVERTISING DESIGN (A) (CTE)**

*Semester Grades 10-12*

*Note: \$15.00 fee*

The advertising design course is to help students understand the process behind creating advertisements, in print, web and even video.

Students will learn to use programs like Adobe Photoshop, Adobe InDesign, Adobe Illustrator, and Final Cut Pro. Students will work to create multiple projects on an individual and group basis. Technology will be very important to this course however; some minor drawing and sketching will be done. Students are required to provide a form of electronic storage i.e.: flash drive, portable hard drive. Students will also be expected to take interest in the SkillsUSA organization.

### **FILM LIT 1 (E-E) (A)**

*Semester Grades 10-12*

*Note: \$15.00 fee required*

Students explore the development of motion picture art form from the silent era to modern films. Essays, reports, and critical analysis of films are included.

### **FILM LIT 2 (E-E) (A)**

*Semester Grades 10-12*

*Note: \$15.00 fee required*

A continuation of Film Lit 1. Can be taken without taking Film Lit 1 first.

### **PAINTING (A) (FC)**

*Semester Grades 10-12*

*Recommended: Drawing before taking Painting*

*Note: \$15.00 fee*

This class includes studies and experiments in watercolors and oils. Emphasis will be on composition, color mixing, brush technique, and design variations. A variety of subject matter will be covered including portraits, figure drawing, perspective, landscape, still life, and abstract concepts. Students will also learn about visual culture, aesthetics, art history and criticism. Students may purchase professional oil sets, and canvas if they wish to do so.

### **ART AP DRAWING PORTFOLIO (A)**

*Full Year Grades 11-12*

*Prerequisite: Drawing or Painting or Teacher Approval*

*Note: \$15.00 fee*

This course is to prepare students to take the Advanced Placement Art Exam at the end of the year. The pre-requisite for this course is a strong background in drawing and/or painting and is for students that are highly motivated and seriously interested in the study of art. Students will develop a portfolio of college-level drawings and paintings that

will highlight their strengths and focus on the three aspects of the AP portfolio which are: concentration, breadth, and quality. To show such high quality work students should be aware that this class involves significantly more time outside the classroom than a typical art class. Students will be responsible to provide their own sketchbook and any other supplies not provided them in the classroom.

### **PHOTOGRAPHY 1(A) (CTE)**

*Semester Grades 10-12*

*Note: \$15.00 fee*

This course will start with the basics of photography and continue into the complete production of professional quality digital photographs. We will cover everything from photographic composition to working with and understanding Adobe Photoshop. Each student must have access to a point and shoot digital camera, and have access to 35mm negatives.

### **PHOTOGRAPHY 2(A) (CTE)**

*Semester Grades 10-12*

*Prerequisite: Photography 1*

*Note: \$15.00 fee*

*Note: Students will be required to have access to a film SLR camera and a Digital camera.*

This photography course will be a follow up course to beginning photography class. In this class we will cover more of the fundamentals that were taught in the Photo 1 course. We will also work more in depth in digital and film photography, covering the entire picture making process in both film and digital.

### **DRAMA 3 (A) (FC)**

*Full Year Grades 10-12*

*Note: \$40.00 fee*

An acting and performance class where students will learn advanced techniques in acting and styles of theatre. This class will also include a focus on Shakespearean text as well as exposure to play production and competition. Emphasis will be placed on playwriting, improvisation, finding, developing, rehearsing and performing scenes and monologues from contemporary and classical theatre.

**DRAMA 4 (A) (FC)**

Full Year Grades 11-12

Prerequisite: Drama 3 and Audition Only

Note: \$40.00 fee

An advanced acting class that will cover advanced acting techniques and styles, play production, the Utah Shakespearean Festival Competition, basic directing, instruction and practicum, and an emphasis on production. Performance skills will be stressed as the students will have the opportunity to experience hands on play production, competition and participation in various aspects of the winter play.

**STAGE CRAFT (A)**

**(Beg Technical Theater)**

Full Year

Grades 10-12

Fee: \$10.00

A beginning hands on course to teach life skills in all aspects of the technical theatre arts, such as set design and construction, painting, lighting and sound fundamentals, stage makeup, costume design and construction, and props construction. Students will also be introduced to concepts of stage management and directing. Students will be required to build sets, costumes and props that are appropriate to the correct historical setting of the play, and consequently will study technical theatre history as well.

**STAGE CREW (A)**

**(Advanced Tech Theater)**

Full Year

Grades 10-12

Prerequisite: Stage Craft and Teacher Approval

Fee: \$10.00

A hands on course to teach life skills in all aspects of the technical theatre arts, such as set design and construction, painting, lighting design, sound design, stage makeup, costume design and construction, and props construction. Students will also study stage management and directing; using both in a practical setting. Students will be required to build sets, costumes and props that are appropriate to the correct historical setting of the play, and consequently will study technical theatre history as well. Students will leave this class with skills necessary for university studies and the technical theatre job market.

Full Year Grades 10-12

Note: 3.0 GPA

Fee: \$200 (approx) Uniform and summer leadership camp

Class members are elected or appointed in the spring prior to the next school year.

**MUSIC DANCE THEATRE**

(A) (FC)

Full Year 10-12

Prerequisite: Audition Only

Note: \$60.00 uniform/costume fee

A hands-on course designed to cover the aspects of musical dance including mandatory participation in the production of a full length musical, in the fall and spring semesters. Students will also study elements of dance, choreographers, choreographic principals and processes, dancing, acting and auditioning.

**MUSIC APPRECIATION (A)**

Semester Grades 10-12

Students will learn the details of music history and how music has developed since the medieval ages. Students will also learn how to read music and how to identify instruments.

**CHAMBER ORCHESTRA**

(A) (FC)

Full Year Grades 10-12

Participation Fee: \$50, Uniform Fee \$100

(\$70 Instrument Rental Fee)

Students will explore a wide variety of musical styles and perform several times throughout the year. The class will combine at times with concert orchestra for symphonic repertoire.

**CHOIR (A) (FC)**

Full Year or Semester Grades 10-12

Participation Fee: \$35

Note: \$10 robe rental fee and shirt fee \$15

This class is for sophomores that have previous experience in various school choirs. Juniors and seniors with no previous experience are welcome to come and join us. We will focus on learning sound music fundamentals, including singing well and in tune, and reading music. Students will have opportunities to perform in concerts throughout the year and to compete in district and state festivals. An overnight trip is planned, and fund-raising will be available. Robe rental and shirt fees do apply.

**A'CAPELLA (A) (FC)**

Full Year Grades 11-12

Prerequisite: Audition Only

Participation Fee: \$35 and \$150 Robe Rental & Shirt Fee

Serious singers only! This choir is for students that want to develop their voices and musicianship. Students will study and perform a variety of music and styles. Emphasis is placed on singing well and in tune, sight reading, vowel placement, and team work. Concerts will be held throughout the year as well as district and state festivals. All students will be encouraged to participate in district solo and ensemble. An overnight trip is planned, and fundraising will be available. Robe rental and shirts fees do apply.

**CHAMBER CHOIR (Encore) (A) (FC)**

Full Year Grades 11-12 (Exceptions apply)

Prerequisite: Audition & enrollment in

A'Capella Choir (must be enrolled in both Encore and A'Capella)

Participation Fee: \$35 and \$150 Uniform Fee & Shirt Fee

Encore is a community/school based performance group. Students will perform a variety of music and styles, with emphasis placed on small group, jazz, and musical theatre. Students must be able to sing well and in tune, read music, and dance reasonably well. Students perform for many community and school events and must be able to have means of transportation to and from performing events throughout the year. Students will perform in district and state festivals, and compete in various small group events. An overnight trip is planned, and tour. Fundraising will be available. Uniform and shirt fees do apply.

**DANCE 1 (A) (PEA)**

Semester / Full Year Grades 10-12

\$5.00 General PE (per semester)

Dance clothes required

This class is designed to give the student an understanding of the different elements of dance. Students will gain greater strength, flexibility and coordination. Students will be graded on participation, development and performance of choreography.

**DANCE 2 (A) (PEA) (FC)**

Semester / Full Year Grades 10-12

\$20.00 uniform fee and \$5.00 General PE per semester

Prerequisite: Dance 1

Dance clothes required

This is a performance level class. The students will gain greater flexibility, strength and endurance through advanced dance techniques. Dance history, improvisation, and composition will be taught. Emphasis will be placed on advanced dance skill and creativity that will be developed through performing and choreography. Students will perform in spring dance concert.

**DANCE 3 (Synergy) (A) (PEA) (FC)**

Full Year Grades 10-12

Prerequisite: Audition Only

\$20.00 uniform fee and \$5.00 General PE per semester

Dance clothes required

Concurrent Enrollment: Dance 141R Introduction to Modern Dance (2 semesters hours UVU credit)

This is a performance level class. The students will gain greater flexibility, strength and endurance through advanced dance techniques. Dance history, improvisation, and composition will be taught. Emphasis will be placed on advanced dance skill and creativity that will be developed through performing and choreography. Students will have several performance opportunities.

**DANCE COMPANY (A) (FC)**

Full Year Grades 10-12

Prerequisite: Audition Only

Participation Fee: \$50

\$50.00 uniform fee and \$5.00 general PE

Note: Dance clothes required/previous dance experience suggested

The Dance Company will represent Lehi High School in various performances. Students should be hard working and dedicated to a creative performing dance group. Intermediate/Advanced technical skills as well as choreographic skill required. Students need to be willing to put in extra time and energy.

**\*\*\*Ballroom Dance – see PE section**

## **MUSIC DANCE THEATRE (DANCE 1)**

*(A) (PEA) (FC)*

*Full Year 10-12*

*Prerequisite: AUDITION ONLY*

*Note: \$60.00 uniform/costume fee*

A hands-on course designed to cover the aspects of musical dance including mandatory participation in the production of a full length musical, in the fall and spring semesters. Students will also study elements of dance, choreographers, choreographic principals and processes, dancing, acting and auditioning.

## **SYMPHONIC BAND**

*(A) (FC)*

*Full Year Grades 10-12*

*Prerequisite: Audition*

*\$50 transportation fee, Shirt Fee \$20*

*One time \$104 Concert Black Fee*

*(\$70 instrument rental fee if using school instrument)*

The Symphonic Band is the intermediate ensemble in the concert band program. Entrance to the ensemble is by audition or invitation. Students are expected to be proficient on their instrument of choice. The group will perform at all school band concerts, and at region and state band festivals if applicable. Students are expected to attend weekly after school sectionals and participate in solo and ensemble competition. Please see Mr. Reynolds for audition materials and requirements.

## **WIND SYMPHONY (Advanced)**

*(A) (FC)*

*Full Year Grade 11-12*

*Prerequisite: Audition*

*Uniform Fee: \$104*

*\$50 transportation fee. Shirt Fee: \$20*

*(\$70 instrument rental fee if using a school instrument)*

The Wind Symphony is the premiere musical ensemble at Lehi High School. Membership is by audition only. Members are expected to perform classical and contemporary band literature at the highest level. The group will perform at all school band concerts as well as region and state band festivals. Please see Mr. Reynolds for audition materials and requirements. Weekly after school sectionals as well as participation in solo and ensemble competition is required.

## **JAZZ BAND**

*(A) (FC)*

*Full Year Grade 10-12*

*Prerequisite: Audition*

*\$50 transportation fee, Shirt Fee: \$20*

*(\$70 instrument rental fee if using a school instrument)*

Enrollment is by audition only and is limited to the standard big band instrumentation of 5 saxophones, 4 trombones, 4 trumpets, and rhythm section. We will continue to build the skills associated with jazz playing emphasizing ensemble style and improvisation. The band will perform at various jazz festivals and school concerts throughout the year, as well as region and state jazz festivals as applicable. Weekly after school sectionals are required

## **PERCUSSION - Intermediate (A) (FC)**

*Full Year Grade 10-12*

*\$50 transportation fee, Shirt Fee: \$20*

*One Time \$104 Concert Black Fee*

*(\$70 instrument rental fee)*

Percussion 1 is designed as an intermediate level percussion class. Students must have at least one year of percussion experience or two years of piano playing experience to participate. Emphasis will be on developing well-rounded percussion students through experience on drums, keyboards, and world percussion instruments. Students will also be expected to perform with the Symphonic and Concert Bands on their concerts, so time will be split between percussion ensemble and concert band rehearsals. Students are expected to purchase their own sticks, mallets, and metronomes.

## **PERCUSSION - Advanced**

*(A) (FC)*

*Full Year Grade 10-12*

*\$50 transportation fee, Shirt Fee: \$20*

*One Time \$104 Concert Black Fee*

*(\$70 instrument rental fee)*

The Percussion 2 class represents the top percussion students at Lehi High School. The class is comprised of the top percussion ensemble at the school and is therefore highly selective of students. Students are expected to own their own sticks and mallets, and have them available for all rehearsals and performances. In addition to the percussion ensemble, the class also comprises the percussion section for the Wind Symphony. As such, time will be split evenly between percussion ensemble and Wind Symphony rehearsals. Participation in school and

solo and ensemble competitions are also required.

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## FOREIGN LANGUAGE

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### **AMERICAN SIGN LANGUAGE - Live Interactive TV Course**

*Full Year Grades 10-12*

Learn basic grammatical and communication skills using Signing Naturally-Vista 1 level.

### **AMERICAN SIGN LANGUAGE 2 - Live Interactive TV Course**

*Full Year Grade 11-12*

Intermediate grammatical and communication skills - signing naturally - Vista 2 level.

### **CHINESE 1**

*Full Year Grades 10-12*

Huānyíng! Chinese 1 is a year-long course in which students learn how to speak, listen, read, and write in the Chinese language. By the end of Chinese 1, students will be able to communicate about subjects like their personal biography, family, classmates, school subjects, nationality, and food. Spoken communication will be the primary emphasis, but students will also learn how to read and write in Chinese characters. In addition to the Chinese language, students will learn about Chinese culture, customs, holidays, music, art/calligraphy, history, and geography.

There has been an explosion in Chinese learning in the United States as students seek to learn more about a country that has emerged from relative obscurity to become a world power. Though Chinese is ranked as one of the most difficult languages to learn, the class is designed to give students a positive, enjoyable and meaningful experience learning about all things Chinese. No previous experience with the language is required, but students need to come with a desire to learn and the willingness to put in the work necessary to learn an admittedly difficult language.

### **CHINESE 2**

*Full Year Grades 10-12*

*Prerequisite: Chinese 1*

This course is a continuation for Chinese 1

### **CHINESE 3 (E-E)**

*Full Year Grades 10-12*

*Prerequisite: Chinese 2*

This course is a continuation for Chinese 2

### **FRENCH 1**

*Full Year Grades 10-12*

Students will acquire accurate pronunciation and habits of correct usage of the fundamental patterns of French. They will learn to read and write what they can say. Cultural lessons introduce French lifestyle, history, cooking, and art. Students practice the skills by means of dialogues, structure drills, reading selections, and exercises.

### **FRENCH 2**

*Full Year Grades 10-12*

*Prerequisite: French 1*

Students will expand their vocabulary and learn new verb tenses while reinforcing accuracy. Students will gain insight into the French culture and appreciation of French attitudes and interests. Students will read *Le petit prince* in English and the original French.

### **FRENCH 3 (E-E)**

*Full Year Grades 10-12*

*Prerequisite: French 2*

Students will learn additional vocabulary and grammatical uses. They will read the play *Cyrano de Bergerac* in the original French. Students will have the opportunity to attend a French Language Fair at BYU, speaking French the entire time and will become responsible for their personal further learning.

### **FRENCH 4 (E-E)**

*Full Year Grades 10-12*

*Prerequisite: French 3*

This is an individual study class where, under the supervision of the teacher, students continue to master grammatical concepts and add to their vocabulary. They will also read, discuss, and write about original French novels from Québec and, perhaps, Africa as well as France (*Volkswagen Blues*, *L'étranger*, *Les misérables*, etc.). Students will have the opportunity to pay for (January) and

take (March) the National French test, *Le grand concours* vocabulary and more complicated phrasing as well as different tenses.

### **SPANISH 1**

*Full Year Grades 10-12*

Understanding spoken Spanish and attaining fluency in basic conversational expressions are emphasized. Understanding grammar and written Spanish is also stressed. A study of culture and custom of Spanish speaking countries is covered.

### **SPANISH 2**

*Full Year Grades 10-12*

*Prerequisite: Spanish 1*

*Recommend a "C" or above in Spanish 1*

Emphasis is placed upon expansion of vocabulary and grammar principles while stressing reinforcement and amplification of accurate and fluent use of Spanish. Students will study a variety of culturally relevant topics and engage daily in active listening and conversation activities.

### **SPANISH 3(E-E)**

*Full Year Grades 10-12*

*Prerequisite: Spanish 2*

*Recommended: "C" or above in Spanish 2 and consecutive years of Spanish 2 and Spanish 3*

Spanish is used almost exclusively in the classroom with emphasis on reading and grammar review. Oral comprehension, oral practice and Spanish literature are stressed in the program.

### **SPANISH 4(E-E)**

*Full Year Grades 10-12*

*Prerequisite: Spanish 3*

*Recommended: "C" or above in Spanish 3 and consecutive years of Spanish 3 and Spanish 4*

Spanish is used almost exclusively in the classroom with emphasis on reading and grammar review. Oral comprehension, oral practice and Spanish literature are stressed in the program.

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## **GENERAL**

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### **AIDE - TEACHER**

*Full Year / Semester*

*Grades 11-12*

Note: Students must have a minimum 2.5 GPA, good attendance, and teacher approval

**Students may only register for one teacher's aide position a year.**

This course is a student assistant to a high school staff member.

### **AIDE - OFFICE**

*Full Year*

*Grades 11-12*

*Note: Students must have a 3.0 GPA, good attendance, and Office Approval*

**Students may only register for one aide position a year.**

A student assistant in the Main Office, Attendance, Financial or Counseling Office.

### **AIDE - MEDIA**

*Full Year/Semester*

*Grades 11-12*

*NOTE: Media Approval Required. Students with AP classes will be given priority.*

Students spend at least 50 minutes of the class period performing required library tasks such as checking in and out library materials, shelving books, preparing books for cataloging, etc. Most days student will have about 30 minutes to work on homework.

### **PEER TUTOR (FC)**

*Full Year or Semester*

*Grades 10-12*

**Note: Students must have good attendance**

Students will be involved in peer tutoring students in special education classes in the areas of math, English, reading, life skills and other regular education academic areas. This can be a very rewarding experience.

### **SEMINARY (RELEASED TIME)**

*Full Year Grades 10-12*

**No high school credit given**

A student may be released to attend off-campus religious instruction. Continued failure to attend released time class will result



in the re-registration of the student into a regularly scheduled class at the high school.

**SEMINARY “0” Hour (RELEASED TIME)**

A or B day from 6:25 am – 7:35 am  
Contact the Seminary office at 768- 9193 to enroll. Students cannot enroll in this course through the high school.

**LEARNING SKILLS SG (Special Ed)**

*Full Year Grades 10-12*  
Admission to and requirements for this class will be based upon IEP.

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## HEALTH

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**HEALTH (Required) (H)**

*Semester Grades 10-12*  
This course is designed to inform students about themselves and their well-being. The course covers such topics as personal hygiene, mental health, relationships, anger management, physical fitness, body systems, substance abuse, STD’S and HIV.

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## HEALTH SCIENCE

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**MEDICAL SCIENCE INTRO (CTE)**

*Semester Grades 10-12*  
This course is designed to create an awareness of career possibilities in healthcare and inform students of the educational options available for health technology and health science programs.  
Introductory anatomy and physiology, medical terminology, medical ethics, first aid, diseases and disorders are covered in sufficient depth to prepare students for a health technology program or for introductory anatomy or physiology college classes. (CIP 51.1105)

**EMERGENCY MEDICAL SERVICES**

*(CTE)*  
*Semester Grades 10-12*  
*Concurrent Enrollment: HLTH 1200 (2 sem hrs UVU credit)*  
This semester course provides students with advanced emergency medical information and

skills. The course introduces students to a variety of career options in emergency medicine. American Red Cross certification available. (CIP 51.0911)

**SPORTS MEDICINE (CTE)**

*Full Year Grades 11-12*  
This course is designed to teach students components of exercise science, including detailed anatomy and physiology; basic principles of injury prevention, recognition, evaluation, and management; sports nutrition; and first aid.

**MEDICAL ANATOMY & PHYSIOLOGY  
Bergholm A4 class**

*(CTE) (S-E)*  
*Full Year Grades 11-12*  
Are you interested in learning more about the amazing human body? Is a career in the medical field a possible option for your future? Do you want to learn anatomy and physiology through hands on activities? Do you want a class that will prepare you for college level courses? Then this class is for you! Students will be engaged in learning by doing. **“The Mind Cannot Forget What the Hands Have Learned”**. In this class you will not only learn human anatomy but you will also build human anatomy through the **Anatomy in Clay** curriculum that is used in conjunction with the state CTE M.A.P.P. curriculum. Students will create all of the body structures and organs by using specialized clay and models that allow anatomy to come to life! By the end of the class you will have created a fully anatomically correct model of the human body! If you want to see an example of **Anatomy in Clay** visit Mr. Bergholm in room #107 and see the awesome things his students are doing! Students will also be engaged in dissections, medical career exploration, field trips, and much more. Students will examine each of the twelve body systems at a level of detail that will allow them to pass college level courses in the same areas of study. This class is a must for any students pursuing medical related careers such as medicine, dentistry, physical therapy, massage therapy, sports medicine, nursing and many more. Come be a part of the newest, most exciting, and statistically proven

best way to learn Human Anatomy & Physiology! Learn the **Anatomy in Clay** way!

## **MEDICAL ANATOMY & PHYSIOLOGY**

### **– Interactive Live TV Course**

*(CTE) (S-E)*

*Full Year Grades 11-12*

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. Innovate 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 cadavers are also incorporated into the course to heighten the student's learning experience. This class is a must for any student pursuing professions such as nursing, physical therapy, medicine or dentistry.

## **HEALTH SCIENCE ADVANCED (CTE)**

### **(Case studies in Health Science)**

#### **– Interactive Live TV Course**

*Full Year Grade 11-12*

*Full Year Grade 11-12*

Advanced Health Science is designed to study the health sciences and health professions through medical case studies. The course focuses on patient case histories, the pathophysiology of the disease process, and the health professionals who work as a team to diagnose and treat disease.

The course revolves around medical case studies. Each case study focuses on a different disease and different body system. The case studies link to four main supporting pages: medical terminology, body systems, diagnostic testing, and health professions. Health profession links will explore the job description, educational requirements, compensation ranges, and future opportunities for each of the professions presented. **This is a concurrent enrollment class. You can receive 3 credits from Weber State University.**

## **MEDICAL TERMINOLOGY (CTE)**

### **– Interactive Live TV Course**

*Semester Grade 11-12*

*Concurrent Enrollment HLTH 1300*

Medical Terminology 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 class is helpful to anyone considering going into the healthcare field

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## **LAW ENFORCEMENT**

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### **LAW ENFORCEMENT (CTE)**

*Semester Grades 10-12*

A course that prepares individuals to perform the duties of police and public security officers, including patrol and investigative activities, traffic control, crowd control, public relations, witness interviewing, and evidence collection and management. Basic crime prevention methods and other routine law enforcement responsibilities are also included. (CIP 43.0107)

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## **MATHEMATICS**

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### **MATH – Resource**

*Full Year Grades 10-12*

*Prerequisites: IEP required*

Students admitted to this class will be based upon IEP. All students in Math-Resource who qualify for Math Resource will need to take it each year and make progress in Math goals every year.

## **SECONDARY MATH 1 (MC)**

*Full Year Grades 10-12*

"Students in Secondary 1 will deepen and extend understanding of linear relationships, in part by contrasting with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend. Students will also use the properties and theorems involving congruent figures to deepen and extend their 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."

## **SECONDARY MATH 2 (MC)**

*Full Year Grades 10-12*

*Continuation of Secondary 1*

## **SECONDARY MATH 2 HONORS (MC)**

*Full Year Grade 10*

*Continuation of Secondary 1 Honors*

## **SECONDARY 3**

*Full year grades 11-12*

*Pre-requisites: Passing all 4 quarters of Secondary 2 with A's or B's, or passing all 4 quarters of Secondary 2 Honors.*

Students in Secondary Mathematics III will pull together and apply the learning that they have from their previous courses. They will apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational, and radical functions. They will expand their study of right triangle trigonometry to include general triangles.

## **SECONDARY 3 HONORS**

*Full year grades 11-12*

*Pre-requisites: B grade or above for all 4 quarters of Secondary 2 Honors*

Students in Secondary Mathematics III will pull together and apply the learning that they have from their previous courses. They will apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational, and radical functions. They will expand their study of right triangle trigonometry to include general triangles. Honors students will also use probability to evaluate decisions, expand their knowledge of polynomial

and trigonometric identities, and perform algebraic operations on rational expressions.

## **COLLEGE PREP MATH (M-E)**

*Prerequisite: Secondary 3, students with grades B - D.*

This class will review a lot of the topics covered in Secondary 2 and 3. This class will help students be more prepared to continue on to math classes in college without so much remediation.

## **MATH 1050 (MC) (M-E)**

*Prerequisite: Secondary 3 Honors (Grades A/B/C) or Secondary 3 (Grade A)*

*Full Year Grades 10-12*

***Prerequisite: ACT Math 23 or higher or Pass UVU Accuplacer test***

*Concurrent Enrollment MATH 1050*

Precalculus covers all the items listed under College Algebra plus a complete course in Trigonometry. Trigonometry is the study of circular functions and triangles. It is used extensively in engineering, architecture, and in Calculus. Analytic Geometry is also part of this course. This class is designed to prepare students to take Calculus AP.

## **INTRO TO CALCULUS (MC) (M-E)**

*Full Year Grades 10-12*

*Prerequisite: Secondary 3 Honors (Grades A - D) Secondary 3 (Grades A - B)*

The purpose of this course is to prepare seniors for university Calculus. Students will study families of functions, with an emphasis on graphical analysis, preparatory to the study of limits. The students will discover the relationship between the concept of slope and the formal definition of the derivative, with its accompanying applications. These ideas will be revisited when slope fields are used to motivate the discovery of the antiderivative and integration. Applications of the integral will include both analytic and numerical methods.

## **AP CALCULUS (AB) (MC) (M-E)**

*Full Year Grades 10-12*

*Prerequisite: Secondary 3 Honors (Grades A-B)*

This course includes differential and integral calculus and their applications. It is equivalent to one semester of college Calculus. This course is designed to prepare students to take the AP Calculus (AB) test.

***The following courses will give the Math Elective credit only (M-E)***

**AP STATISTICS (M-E)**

*Full Year Grades 11-12*

*Prerequisite: Secondary 3 Honors (Grades A-B)*

*Secondary 3 (Grade A)*

This course can be taken after, concurrent with, or in lieu of Calculus or AP Calculus. This course is an advanced placement course where students will learn how to collect, summarize, and analyze data to gain insights into patterns and trends as well as make predictions of future behavior. probability, counting theory, simulations, and mathematical modeling will be studied. Technology will be used to create simulations and to analyze data. Each student is required to have a graphing calculator with statistical features. (The TI-83+, or any version of the TI-84 is recommended)

**MATH FOR DECISION MAKING (M-E)**

*Full Year Grades 12*

***Teacher Recommended Required and Opt-Out form Required***

The course focuses on using basic mathematical concepts to make well informed practical decisions in finance, modeling, probability and statistics, and so on. The four quarters of instruction are independent of each other, allowing students to enter and exit the course quarterly. Students will make sense of basic real life problems, learn how math can be a benefit in solving them, and make the connections between what math they have already learned and how it can help them in day to day life

**COMPUTER PROGRAMMING 1**

*(M-E) (CTE) (CT)*

*Full Year Grades 10-12*

*Prerequisite: Basic Computer Skills*

*Note: 15.00 Lab Fee*

*Concurrent Enrollment: CS 1030 / CS 1400*

"I think everybody in this country should learn how to program a computer because it teaches you how to think," said Steve Jobs. This year-long computer programming course will be fun and also teach you to think. This includes creating software, game development, and business applications. Students will learn to

design, code, and test their own programs. Student will learn Microsoft's C# programming language, Kodu game development, and MonoGame studio.

As a supplement and reinforcement, students will create basic PC games. This course includes the fundamentals and basic theories of computer programming, simple control and data structures, basic operating systems and file commands, and the use of text files. Students will also apply mathematical skills throughout the course. The course fundamentals includes conditionals, looping, methods, file manipulation, arrays, objects, and classes. This is a UVU Concurrent Enrollment course offering 6 credit hours: CS 1030 and CS 1400

**COMPUTER PROGRAMMING 2**

*(M-E) (CTE) (SC)*

*Computer Programming 1*

*Note: 15.00 Lab Fee*

*Concurrent Enrollment: CS 1410*

Are you looking for a career in computer programming? Then this C# and C++ course is a must! You *should learn C++* because it's very commonly used, it's efficient, and it's the basis of many other languages in common use.

This is an advanced course in computer programming using C# and C++ which reviews and builds on the concepts introduced in CP1. CP2 introduces students to more advanced concepts including classes, inheritance, polymorphism, dynamic allocation of data, advanced GUI techniques, and application of pointers, queues, stacks, and recursion. Students will learn to design, code, and test their own programs. As a course supplement, students will learn to create PC games using C# and MonoGame Studio. This is a UVU Concurrent Enrollment course offering 3 credit hours: CS 1410

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## PHYSICAL EDUCATION

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### **FITNESS FOR LIFE (REQUIRED) (PEF)**

*Semester Grades 10*

*Note: Proper PE clothing required / \$5 general PE fee per semester*

Fitness for Life is a comprehensive program designed to help teens take responsibility for their own activity, fitness, and health and to prepare them to be physically active and healthy throughout their adult lives. Students will use fitness knowledge to develop and follow a personal fitness plan. Students will also be required to participate in district wide "fitnessgram" testing and will take district wide written test on fitness principles.

### **LIFE-TIME ACTIVITIES (PEA)**

*Semester Grades 10-12*

*Note: Proper PE clothing required / \$5 general PE fee per semester*

*Approximately an additional \$35 participation per semester*

Students will develop advanced skills, strategies, techniques and gain knowledge of the rules in up to four lifetime activities. Students will be expected to maintain an acceptable level of health related fitness. Students will also be required to participate in district wide "fitnessgram". Lifetime activities will also include some off campus activities.

### **UNIFIED SPORTS (PEA)**

*Semester Grades 10-12 (2.5 GPA required)*

*Note: Proper PE clothing required / \$5 general PE fee per semester*

Unified Sports is an adapted PE class for individuals that need assistance with the general education physical education requirements in addition to being a class for students that would like to assist those that need assistance in the physical education class while at the same time earning an Elective Physical Education credit. The class will cover general physical education, cardio, weight, individual and team sport training. Participants in this class will participate as a team member or as unified partner in area and state adapted sports tournaments or Special Olympics. Students receiving adaptive physical education services can access those services in this class.

### **YOGA (PEA)**

*Semester Grades 10-12*

*Note: Proper PE clothing required / \$5 general PE fee per semester*

Yoga is a form of exercise that will increase your flexibility, strengthen your muscle, improve your balance, center your thoughts and relax and calm you.

### **WEIGHT TRAINING (PEA)**

*Semester Grades 10-12*

*Note: Proper PE clothing required / \$5 general PE fee per semester*

The purpose of this course is to enable students to acquire basic knowledge and skills in weight training, improve muscular strength and endurance, and begin to enhance self-image.

### **ATHLETIC TEAMS**

*(PEA)(FC)*

*Semester Grades 10-12*

***Prerequisite: Coach's approval (For student athletes)***

*Note: Proper P.E. clothing required / \$5.00 general PE per semester*

Advanced conditioning is designed to take students who are physically fit up to the level of competitive fitness. Individualized instruction will be given in several areas which are needed for these extreme levels of fitness. These will include advanced strength training and flexibility techniques, aerobic conditioning, anaerobic conditioning, and diet.

### **SWIM TEAM (PEA)(PEF) (FC)**

*Full Year Grades 10-12*

*Note: \$60 participation fee / additional fee for uniform*

*Note: \$30 pool rental fee*

*Prerequisite: Teacher Approval*

The development of competition swimming skills, to include the four major swimming strokes; Freestyle, Backstroke, Butterfly and Breaststroke. The skills involving starts and turns will be taught. Aspects of diet and nutrition are included. Strength training and dry land conditioning is an integral part of the class. All students enrolling in this class are required to be full time members of the swimming team.

### **BALLROOM DANCE (Beginning)**

78150 (PEA)

Semester Grades 10-12

Course fee: \$15

This course is designed to act as an introduction to Social, Ballroom, and Latin Dance. Students will learn basic steps, rhythm patterns, and proper dance etiquette. Dances covered may include, but are not limited to; Samba, Cha Cha, Rumba, Jive, Swing, Paso Doble, Tango, Waltz, Viennese Waltz, Quickstep, Foxtrot and others as time permits. No prior dance experience is required. No special shoes or attire is required, but proper dance shoes are encouraged. Appropriate attire and footwear will be explained the first day of class. Instructors may also be contacted to answer footwear and attire questions.

### **BALLROOM DANCE TEAM**

78173 (PEA)

Year Grades 10-12

Prerequisite: Audition

Costume/Uniform Fee: \$200

Ballroom Dance Company is an audition based performance group. The class will cover advanced technique in Standard and Latin dances and performance skills. Students will be required to purchase a minimum of two pairs of different dance shoes and provide a black and white rehearsal outfit. It is not required that students attend Beginning or Intermediate Dance classes at Lehi High School before auditioning for the company. The best dancers will be selected at auditions. Auditions will be held March 7, 2009 from 8:00 am -12:00 pm in the LHS main gym for the 2009/2010 company. The group will perform and compete at multiple venues and competitions.

### **DANCE 1 (A) (PEA)**

Semester / Full Year Grades 10-12

\$5.00 General PE (per semester)

Dance clothes required

This class is designed to give the student an understanding of the different elements of dance. Students will gain greater strength, flexibility and coordination. Students will be graded on participation, development and performance of choreography.

### **DANCE 2 (A) (PEA) (FC)**

Semester / Full Year Grades 10-12

\$20.00 uniform fee and \$5.00 General PE per semester

Prerequisite: Dance 1

Dance clothes required

This is a performance level class. The students will gain greater flexibility, strength and endurance through advanced dance techniques. Dance history, improvisation, and composition will be taught. Emphasis will be placed on advanced dance skill and creativity that will be developed through performing and choreography. Students will perform in spring dance concert.

### **DANCE 3 (Synergy) (A) (PEA) (FC)**

Full Year Grades 10-12

Prerequisite: Audition Only

\$20.00 uniform fee and \$5.00 General PE per semester

Dance clothes required

Concurrent Enrollment: Dance 141R  
Introduction to Modern Dance (2 semesters hours UVU credit)

This is a performance level class. The students will gain greater flexibility, strength and endurance through advanced dance techniques. Dance history, improvisation, and composition will be taught. Emphasis will be placed on advanced dance skill and creativity that will be developed through performing and choreography. Students will have several performance opportunities.

### **DRILL TEAM - PIONETTES (PEA)(FC)**

Full Year Grades 10-12

Note: Admission by audition

Note: \$5.00 General PE / \$650

The LHS Pionettes are a team of dancers who focus on constant academic performance. Drill team consists of competitive region and state titles, develops team bonding ability, self-confidence, dedication, and self-discipline. Members will also support athletic teams, help create school spirit, and perform at basketball and football games in preparation for the varsity competition season.

### **CHEERLEADERS (PEA)(FC)**

Full Year Grades 10-12

Note: \$5.00 General PE \$850

Admission by audition

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## SCIENCE

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### **BIOLOGY - AGRICULTURAL SCIENCE**

*(SC1) (S-E) (CTE)*

*Full Year Grades 10-12*

*Note: \$15.00 Lab Fee*

This course is 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, with the only difference being the degree of emphasis on agriculture. Students completing this course will be 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 (CIP 2.0112)

### **BIOLOGY (SC1) (S-E)**

*Full Year Grades 10 - 12*

*Note: \$15.00 lab fee*

Students will study the functions of atoms and molecules in the chemistry of cells, the structure and function of cells, and how cells function as a system. They 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 with their environment. Hands-on, student-centered activities allow students to explore the diversity of life and the relevancy of biology in their lives. The state core curriculum will be followed and enhanced.

### **BIOLOGY AP (SC1) (S-E)**

*Full Year Grades 10-12*

*Note: \$15.00 lab fee*

This AP Biology course is equivalent to a two semester college-level biology course with a substantial laboratory component. AP Biology will include topics regularly covered in a college biology course for majors. It is for the highly motivated student, not just the “brainy student”. This class will engage you in science as a process. A pre-lab report and post-report is required with each lab showing that you have met the learning objectives for each lab.

The laboratory component will enable you to develop hypotheses, design and run experiments, analyze data and make conclusions, and communicate in graphs and tables, but most importantly you will learn to think critically and analytically in the rapidly changing environment and societal world. The AP College Board outline will be followed.

### **PHYSICS WITH TECHNOLOGY**

*(SC4) (CTE) (S-E)*

*Full Year Grades 10-12*

*Prerequisite: Secondary Math 1*

*Note: \$15.00 lab fee*

This is an introductory course in Physics. This course centers around real-life experiences with an emphasis in skills certification. The majority of class time will be spent in hands-on lab activities. Physics concepts range from force, work and resistance, to energy, power, light, and optics. They will include a lab study of mechanical, fluid, electrical, and thermal systems. This class would be very helpful for students interested in Engineering. (CIP 21.0105)

### **PHYSICS (SC4) (S-E)**

*Full Year Grades 10-12*

*Prerequisite: Secondary Math 1*

*Note: \$15.00 lab fee*

Physics is the study of the “rules” of nature. An understanding of the way things work around us can increase our productivity as well as our enjoyment in life. The focus of this class is on understanding the concepts of Physics before trying to do any calculations. Though some formulas and mathematical descriptions will be introduced these will be secondary to the main concepts described. Instruction will include labs, demonstrations, and research projects. Emphasis will also be placed on reading, writing, textbook assignments, vocabulary and correct spelling. Several chapters each term will be covered on the topics of science basics, the universe, mechanics, properties of matter, heat, sound and light, electricity and magnetism, atomic and nuclear physics, and the application of the various principles learned.

**PHYSICS AP (SC4) (S-E)**

Year Grades 11-12

Prerequisite: Secondary Math 3 or currently enrolled

Note: \$15.00 lab fee

This course is equivalent to a first-year algebra based college physics course. It is a practical course dealing with the principles of motion, dynamics, work, energy, light, electricity, and magnetism. Emphasis is placed on problem solving; therefore students must have a solid math background. This course is highly recommended for college-bound students and all calculus students. Students may take the AP Physics B Exam for college credit.

**CHEMISTRY**

(SC2) (S-E)

Full Year Grades 10 - 12

Prerequisite: Secondary Math 2

Note: \$15.00 lab fee

Chemistry is the study of matter, its structure, properties and composition. Starting with atoms, the basic building blocks which make everything, and working to large molecules. The periodic table, states of matter and chemical bonding will be covered. Solutions and acid bases will also be discussed. Students will be involved in lab work. Chemistry is one of the fundamental sciences that teaches us about our surroundings. A science fair project will be required.

**CHEMISTRY AP (SC2) (S-E)**

Full Year Grades 11 - 12

Prerequisite: Chemistry

Note: \$15.00 lab fee

Advanced Placement Chemistry is a College level chemistry course. It is an intensive study on matter, the structure of atoms, chemical reactions, the processes by which chemical reactions take place, organic chemistry, and nuclear chemistry. A Lab notebook is required and every student must complete the 20+ labs. Taking the AP Exam and receiving at least a score of 3 enables students to earn college credit. The AP Exam is not required.

***The following courses will give the Science Elective credit only (S-E)***

**ASTRONOMY (S-E)**

Year Grades 10-12

Note: \$15.00 lab fee

Concurrent Enrollment: PHYS 1040 (3 semester hours UVU credit)-Full Year course only

This is an introductory course in astronomy with the goal to provide students with a broad enough, deep enough background in astronomy to appreciate the night sky and understand the motions, properties and history of the heavenly objects. Students are introduced to astronomy through the eyes of ancient philosophers, scientists and mathematicians. The curriculum then escalates through modern theories and ideas, observations and discoveries. Each planet, the birth and death of stars, constellations, comets, asteroids, black holes, etc. are each discussed in detail.

**ZOOLOGY (S-E)**

Semester Grades 10-12

Note: \$15.00 lab fee

Students will study the diversity of animal life. They will analyze the hierarchical organization of animal complexity and contrast this to the classification of animal species. Students will explore the great diversity of animal species beginning with simple invertebrate animals up through the complex vertebrates. The principles of natural selection will be reviewed in order to evaluate the anatomical features of animals and how species physically adapt to their environment in order to survive. The detailed behavior of animals including learning, dominance, and communication will be explored. Current global environmental trends that threaten the survival of species will be addressed. Hands-on, student-centered activities will allow students to become more aware of the fascinating science of zoology.

**GEOLOGY (S-E)**

Full Year Grades 10-12

Note: \$15.00 lab fee

Concurrent Enrollment UVU Geology 1010 (3 sem hrs) \* GEO 1015L (1 Sem hr)-full year only  
\*Concurrent Enrollment for 11-12 grade students only (10<sup>th</sup> by exception)

Geology is the study of the Earth, its systems, characteristics, and place in the solar system. The focus in this class is on the importance of geology in human affairs and how geologic systems control the physical setting of our



environment. Instruction will include labs, demonstrations, and research projects. Emphasis will also be placed on reading, writing, textbook assignments, vocabulary and correct spelling.

Several units each term will be covered on the topics of space, earth structure, earth systems, minerals, igneous, sedimentary, and metamorphic rocks, geologic time, weathering, mass movement, rivers, ground-water, glaciers shorelines, Eolian systems, plate tectonics, seismicity, ocean basins, continents, resources, and the application of the various principles learned.

Field trips will be taken during class time to several local locations where students can see examples of concepts and work using geological tools and procedures.

### **MARINE BIOLOGY (S-E)**

*Semester Grades 11-12*

The course is designed for students with an interest in marine biology and oceanography. This course provides an excellent background for students who are interested in further study of the oceans and the organisms that inhabit it. Major concepts include the study of: the interrelationship of marine and terrestrial environments, the geology of the oceans, marine organisms, ecology of coral reefs, and the human impact on marine ecosystems. Laboratory activities, including the examination of marine specimens, are utilized throughout this course to build upon student knowledge.

### **MEDICAL ANATOMY & PHYSIOLOGY Bergholm A4 class**

*(CTE) (S-E)*

*Full Year Grades 11-12*

Are you interested in learning more about the amazing human body? Is a career in the medical field a possible option for your future? Do you want to learn anatomy and physiology through hands on activities? Do you want a class that will prepare you for college level courses? Then this class is for you! Students will be engaged in learning by doing. **“The Mind Cannot Forget What the Hands Have Learned”**. In this class you will not only learn human anatomy but you will also build human anatomy through the ***Anatomy in Clay*** curriculum that is used in conjunction with the state CTE M.A.P.P.

curriculum. Students will create all of the body structures and organs by using specialized clay and models that allow anatomy to come to life! By the end of the class you will have created a fully anatomically correct model of the human body! If you want to see an example of ***Anatomy in Clay*** visit Mr. Bergholm in room #107 and see the awesome things his students are doing! Students will also be engaged in dissections, medical career exploration, field trips, and much more. Students will examine each of the twelve body systems at a level of detail that will allow them to pass college level courses in the same areas of study. This class is a must for any students pursuing medical related careers such as medicine, dentistry, physical therapy, massage therapy, sports medicine, nursing and many more. Come be a part of the newest, most exciting, and statistically proven best way to learn Human Anatomy & Physiology! Learn the ***Anatomy in Clay*** way!

### **MEDICAL ANATOMY AND PHYSIOLOGY**

Interactive Live TV Course or LHS Classroom  
*(CTE) (S-E)*

*Full Year Grades 11-12*

*Note: \$15.00 lab fee*

This course provides students with an in-depth study of health care careers, including actual clinical experience in therapeutic, diagnostic, information, and environmental health care settings. Instruction includes intermediate anatomy and physiology, medical terminology, diseases and disorders, medical ethics, and first aid. The class is designed to prepare students for the advanced health science course and/or for a variety of health technology programs. (CIP 51.1315)

### **ANIMAL SCIENCE (CTE) (S-E)**

*Full Year Grades 11 -12*

*Prerequisite: Biology-Agricultural Science or Biology*

This course exposes students to a wide range of scientific principles, such as genetics, anatomy, physiology/nutrition, disease, pests, and management practices. The science processes of observation, measurement, hypothesizing, data gathering, interpretation, analysis, and application are stressed. Career opportunities and educational preparation are examined. Learning activities are varied, with

classroom, laboratory, and field experiences emphasized. (CIP 02.0211)

### **GREENHOUSE MANAGEMENT (CTE)**

*(S-E)*

*Year Grades 10-12*

*Note: \$15.00 lab required*

This course will expose students to wide range of plant, landscape, and greenhouse operation and management practices. This will prepare students to produce commercial plant species in a natural and controlled environment, as well as manage commercial and experimental operations.

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## **SOCIAL STUDIES**

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### **UNITED STATES HISTORY (US)**

*Full Year*

*Grade 10-11*

This course is designed to cover the history of the United States from 1865 to the present. Students will study the social, economic, and political developments of this period. Emphasis will be placed on events, issues and the men and women important to our national heritage. There is also an in depth study of the constitution and how it works.

### **UNITED STATES HISTORY AP**

*(US) (SS-E)*

*Full Year*

*Grade 10-12*

This college level course is designed for those who desire to continue their education beyond high school. The course is an in-depth study of American history from the Age of Exploration to the present. The course involves analyzing events through essay writing. Students may receive college credit upon passing the AP exam with a score of 3 or higher. Students are expected to take the A.P. exam in May. The cost of the exam is approximately \$86.

### **WORLD HISTORY AP (SS-E)**

*Full Year*

*Grade 10-12*

This course is designed for those who desire to continue their education beyond high school. The course is an in depth study of World History from 8,000 B.C.E. to the present with

the period 8,000 B.C.E. to 600 C.E. serving as the foundation for the balance of the course. Practical learning skills will be combined with essay writing to analyze events which will enable students to learn about the History of the World. Students may receive college credit and are expected to take the AP exam in May. . Students passing the AP exam with a score of 3 or above will receive college credit. The cost of the AP exam is approximately \$86.

### **ANCIENT WORLD HISTORY**

*(WC) (SS-E)*

*Semester Grades 10-12*

A thematically based course that will cover the progress of civilization from its beginnings around 3500 B.C. to the advent of Medieval times up to 1450 A.D. The main goal of this course is to show how the past has influenced the present. To do this the class will focus on social, economic and political issues throughout many of the early, ancient, and medieval civilizations such as Mesopotamia, Greece, Rome, China, India, and Feudal Europe.

### **MODERN WORLD HISTORY**

*(WC) (SS-E)*

*Semester Grades 10-12*

This course will track and discuss the progression of world events from the 1400's A.D. to the present. Starting with the Age of Exploration and Renaissance, moving through the Age of Imperialism and ending with the post 9/11 world; this class will study how the many different peoples of the world have intermingled, affected each other, and influenced the way the world is today

### **WARS (SS-E)**

*Semester Grades 11-12*

This course will take an in depth look into the time periods of World War I and World War II. We will study the causes and effects of both wars as well as delving into specific campaigns and personal accounts of each war.

### **SOCIOLOGY (SS-E)**

*Semester*

*Grades 10-12*

This course introduces students to the principles of sociology. Students will study society, one's role in it, issues and problems, social change, and social movements. A study of basic institutions including the family,

community, political, and social organizations will also be covered.

### **PSYCHOLOGY (SS-E)**

*Semester*

*Grades 10-12*

This course introduces the student to the study of the behavior of individuals. It emphasizes the manner in which the individual can apply various psychological theories and concepts to better understand one's self, one's motives, and one's relationship with other people.

### **SPORTS PSYCHOLOGY (SS-E)**

*Semester*

*Grades 10-12*

This course will explore the mental and psychological factors that impact athletic and other performance events; 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. 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.

### **PSYCHOLOGY AP (SS-E)(IVC)**

*Full Year*

*Grades 10-12*

The AP Psychology course is designed to prepare students for the Advanced Placement Program examination. The course emphasizes the history of psychology as a science. The classes examine the various theories that form the foundation of human and animal behavior. The lessons trace the development of the major schools of psychology. The scientific nature of psychology is examined by means of experimental research methodology and inferential statistics. Fundamental areas of exploration include: the biological basis of behavior, sensation and perception, psychological disorders, states of consciousness, learning, personality, emotional, abnormal psychology, and ethics.

### **GOVERNMENT & CITIZENSHIP (GC)**

*Semester*

*Grades 11-12 (Recommended in Grade 12)*

This course will give students a general understanding of the government, political and legal systems of the United States and the

responsibilities of being a good citizen.

### **US GOVERNMENT & POLITICS AP**

*(SS-E) (GC)*

*Full Year*

*Grade 11-12*

This course is designed for those who desire to continue their education beyond high school. The course will provide students with an in depth study of the government, political and legal systems of the United States. Practical learning skills will be combined with the instruction from outside resource persons and varied activities which will enable students to learn about law and the legal system of this nation. Students may receive college credit and are expected to take the AP exam in May. Students passing the AP exam with a score of 3 or above will receive college credit. The cost of the AP exam is approximately \$86

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## **TECHNOLOGY EDUCATION**

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### **WOODWORKING 1(CTE)**

*Semester/(Full Year B6 only)*

*Note: \$5.00 Lab Fee per semester (\$50-\$60 for project)*

An introductory course that prepares students to apply technical knowledge and skills to layout and mill wood from a working drawing and a cutting list, assemble casework and apply a finish. The project includes construction of a face frame, drawer installation, and doors. Coursework stresses the safe and skillful use of millworking machines including jointer, sander, radial arm saw, table saw, band saw and shaper, as well as portable tools, hand tools, clamps and adhesives, abrasives and tools for applying a finish. Students are required to build a night stand in the first semester. They build a small project of their own design in the second semester. (CIP 48.0701)

### **WOODWORKING 2**

**(Furniture Design & Manufacturing)**

*(CTE) (FC)*

*Full Year Grades 11-12*

*Prerequisite: Woodworking 1*

*Note: \$5.00 Lab Fee (per class period) / may be taken multiple class periods \$50 deposit for*

*project materials (Total cost depends on design of the project)*

*Concurrent Enrollment:*

This is an advanced instructional course that prepares students to apply technical knowledge and skills to prepare and execute furniture design projects. Coursework stresses the safe and skillful use of millworking machines, portable power tools and hand tools in the construction of fine furniture. Projects may include, but are not limited to chests of drawers, dressers, tables, entertainment centers, hutches, gun cabinets, cedar chests and beds. (CIP 48.0702)

### **TECHNICAL DESIGN 1 (CTE) (FC)**

*Semester/Full Year Grades 10-12*

*Concurrent Enrollment: EGDT 1000 Basic*

*Drafting (2 sem. hrs. UVU credit)*

*EGDT 1040 Computer Aided Drafting;*

*3 semester hrs UVU credit*

*Prerequisite: EGDT 1000 Basic Drafting*

*Note: \$20.00 fee*

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.

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## **TV/ VIDEO PRODUCTION**

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### **TV/VIDEO PRODUCTION (CTE)**

*Semester Grades 10-12*

*Note: \$15.00 fee required*

This class is an introduction to the exciting world of storytelling using a camera and a computer. Students will learn camera technique including: lighting, angles, camera movement, and other pertinent camera techniques. Students will learn to use the NLE Final Cut Pro and have the opportunity to advance their editing skills. Students will primarily do assignments in a group format having the opportunity to overcome the obstacles of working with others and receiving the rewards that follow.

(CIP 10.0104)

### **TV – LEGACY LIVE (CTE)**

*Full Year Grades 10-12*

*Note: \$15.00 fee required*

Legacy Live - Legacy Live is the Broadcast News station here at Lehi High School. Students will work to make videos to be included in the weekly show. Students will work as anchors, camera operators, producers, and editors to accomplish the task of showing Lehi High our Legacy.

### **TV/VIDEO ADVANCED**

*Full Year 11-12*

*Recommended: TV/Video Production*

*Note: \$15.00 fee required*

Students are responsible for shooting the events at the school and live streaming them. They are also responsible for competing in Skills USA and as well as the film festivals

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## **WORK BASED LEARNING PROGRAMS**

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### **Internship, CTE (CTE)**

*Semester*

*Grades 11-12*

Work-Based Learning (WBL) provides on-the-job training opportunities that are directly related to a career goal and course of study identified through a student's SEOP. The course will begin with résumé writing, job interviewing skills, job safety and other aspects related to careers in order to prepare each student for their internship. On the third week, students will begin their placement in an internship of their choice. Examples of work-based learning internships include, but are not limited to: student internships, cooperative work experience and school-based enterprise. Placement could possibly include: local doctor offices, the American Fork Hospital, physical therapy, orthodontics, pediatrics, small and large animal veterinarians, engineering, retail stores, business managements, elementary or secondary education assistant, special education assistant, interior design, landscaping, and more!



**Registration Procedure:**

1. Students go online to “mtec.edu” to begin the application process for admission.
2. Students are also required to complete an Entrance Assessment for admission
3. Registration for 2018-2019 classes will be available online on **April 25, 2018 at 8:00 am**

**\*\*STUDENTS MUST COMPLETE ALL ADMISSIONS REQUIREMENTS BEFORE REGISTERING FOR CLASSES THROUGH MTEC**

*(If a student has registered through LHS for an MTECH course but has not registered with the MTECH and paid the fees, the class will be dropped and another class will be added to their schedule.)*

**THE FOLLOWING CLASSES ARE AVAILABLE ON  
THE HIGH SCHOOL SCHEDULE  
ENROLL THROUGH THE ARENA SCHEDULING ON SKYWARD**

**AUTOMOTIVE**

***Semester – Auto Maintenance & Auto Tech (Adv) (11<sup>th</sup> & 12<sup>th</sup> grade)***

Auto Maintenance & Light Repair <b>*(prerequisite for all other auto classes)</b>	A3, A4, B7, B8 Semester 1 or Semester 2	Daily 11:30 am – 2:30 pm	2.00	Thanksgiving Point	\$190
*Auto Technology (Adv) Manual Drive & Axles and Engine Performance <b>Prerequisite- Maintenance &amp; Light Repair</b>	A1, A2, B5, B6 Semester 1 only	Daily 7:30 am – 10:30 am	2.00	Thanksgiving Point	\$330
*Auto Technology (Adv) Auto Trans/Transaxle & HVAC Systems <b>Prerequisite- Maintenance &amp; Light Repair</b>	A1, A2, B5, B6 Semester 2 only	Daily 7:30 am – 10:30 am	2.00	Thanksgiving Point	\$505

**HEALTH CARE**

***Semester – Nurse Assistant (CNA) (11<sup>th</sup> & 12<sup>th</sup> grade)***

<b>COURSE</b>	<b>PERIODS</b>	<b>TIME</b>	<b>CREDIT</b>	<b>CAMPUS</b>	<b>FEES</b>
Nurse Assistant (CNA)	A1, A2 or B5, B6	7:30 am – 10:30 am	1.00	Thanksgiving Point	\$240
Nurse Assistant (CNA)	A3, A4 or B7, B8	11:30 am – 2:30 pm	1.00	Thanksgiving Point	\$240

### Semester - Emergency Medical Technician (EMT) (12<sup>th</sup> grade)

COURSE	PERIODS / DAY	TIME	CREDIT	CAMPUS	FEES
EMT	A1, A2, B5, B6	Daily 7:30 am – 10:30 am	2.00	Thanksgiving Point	\$500
EMT	A3, A4, B7, B8	Daily 11:30 pm – 2:30 pm	2.00	Thanksgiving Point	\$500

**\*Due to state certification requirements for the EMT program, students must be 18 years old no later than March 1 for Semester 1 and must be 18 years old no later than August 31 for Semester 2**

### Full Year - Pharmacy Tech & Dental Assistant (12<sup>th</sup> grade)

COURSE	PERIODS	TIME	CREDIT	CAMPUS	FEES
Pharmacy Tech	A1, A2, B5, B6	Daily 7:30 am – 10:30 am	4.00	Thanksgiving Point	\$420
Pharmacy Tech	A3, A4, B7, B8	Daily 11:30 – 2:30 pm	4.00	Thanksgiving Point	\$420
Dental Assistant	A1, A2, B5, B6	Daily 7:30 am – 10:30 am	4.00	Thanksgiving Point	\$550
Dental Assistant	A3, A4, B7, B8	Daily 11:30 AM – 2:30 pm	4.00	Thanksgiving Point	\$550

## MANUFACTURING / WELDING

### Semester- Automated Manufacturing (11<sup>th</sup> & 12<sup>th</sup> grade)

COURSE	PERIODS / DAY	TIME	CREDIT	CAMPUS	FEES
Automated Manufacturing	A1 A2, B5, B6 <b>Semester 2 only</b>	Daily 7:30 am – 10:30 am	2.00	Orem	\$610
Automated Manufacturing	A3, A4, B7, B8 <b>Semester 1 only</b>	Daily 11:30 am – 2:30 pm	2.00	Orem	\$610
Precision Machining	A1, A2, B5, B6	Daily 7:30 am – 10:30 am	2.00	Orem	\$940
Precision Machining	A3, A4, B7, B8	Daily 11:30 am – 2:30 pm	2.00	Orem	\$940
Fitting Technology (12 <sup>th</sup> grade)	A1, A2, B5, B6	Daily 7:30 am – 10:30 am	2.00	Orem	\$840
Fitting Technology (12 <sup>th</sup> grade)	A3, A4, B7, B8	Daily 11:30 am – 2:30 pm	2.00	Orem	\$840
Welding (High School – 12 <sup>th</sup> )	A1, A2, B5, B6	Daily 7:30 – 10:30 am	2.00	Orem	TBA
Welding (High School-12 <sup>th</sup> )	A3, A4, B7, B8	Daily 11:30 – 2:30	2.00	Orem	TBA

**Course descriptions for all MTECH programs are available on their website: [mtec.edu](http://mtec.edu)**

**\*\*THE FOLLOWING COURSES CANNOT BE SCHEDULED THROUGH SKYWARD\*\***  
**These courses are not on the high school schedule**

*Students enrolling in the following courses must  
 1<sup>st</sup> meet with a MTECH Counselor and be able to enroll by August 20, 2018  
 (Schedule an appointment at: [mtec.edu/advising](http://mtec.edu/advising))*

<b>COURSE</b>	<b>PERIODS</b>	<b>TIME</b>	<b>CREDIT</b>	<b>CAMPUS</b>	<b>FEES</b>
<b>HEALTH CARE</b>					
Medical Office Administration (12 <sup>th</sup> Grade)	A1, A2, B5, B6	M-Th 7:30 am – 10:30 am	4.00	Thanksgiving Point	\$385
Medical Assistant (12 <sup>th</sup> Grade)	A1, A2, B5, B6	M-Th 7:30 am – 10:30 am	4.00	Thanksgiving Point	\$565
Medical Assistant (12 <sup>th</sup> Grade)	A3, A4, B7, B8	M-Th 11:30 am – 2:30 pm	4.00	Thanksgiving Point	\$565
<b>DIGITAL MEDIA</b>					
Digital Media (11 <sup>th</sup> & 12 <sup>th</sup> Grade)	A1, A2, B5, B6	M-Th 7:30 am – 10:30 am	4.00	Thanksgiving Point	\$415
Digital Media (11 <sup>th</sup> & 12 <sup>th</sup> Grade)	A3, A4, B7, B8	M-Th 11:30 am – 2:30 pm	4.00	Thanksgiving Point	\$415
<b>INFORMATION TECH</b>					
Information Tech (11 <sup>th</sup> & 12 <sup>th</sup> Grade)	A1, A2, B5, B6	M-Th 7:30 am – 10:30 am	4.00	Thanksgiving Point	TBA
Information Tech (11 <sup>th</sup> & 12 <sup>th</sup> Grade)	A3, A4, B7, B8	M-Th 11:30 am – 2:30 pm	4.00	Thanksgiving Point	TBA
Web Programming & Dev (12 <sup>th</sup> Grade) <b>Application -see website for more information &amp; dates</b>	A1, A2, B5, B6	Daily 7:30 am – 10:30 am	4.00	Thanksgiving Point	TBA
Mobile Development (Semester) (12 <sup>th</sup> Grade) <b>Application - see website for more information &amp; dates</b>	A1, A2, B5, B6	Daily 7:30 am – 10:30 am	2.00	Thanksgiving Point	TBA



**BUILDING CONSTRUCTION PROGRAM**  
**Application available in the Counseling Office**

**\*\*Register for the class through Arena Scheduling in Skyward\*\***

**Full Year – Building Construction (11<sup>th</sup> & 12<sup>th</sup> grade)**

<b>COURSE</b>	<b>PERIODS / DAY</b>	<b>TIME</b>	<b>CREDIT</b>	<b>CAMPUS</b>
Building Construction	A1, A2, B5, B6	Daily 7:30 am – 10:30 am	4.00	Lone Peak HS and Utah County home site
Building Construction	A3, A4, B7, B8	Daily 11:30 am – 2:30 pm	4.00	Lone Peak HS and Utah County home site

*Prerequisite: Drafting or Woods*  
*Concurrent Enrollment: 6 credits through UVU*  
*Note: Application available in counseling office*  
*(4.00 high school credits)*

**COSMETOLOGY/HAIR DESIGN (CTE)**

*Grades 12*

*See counselors for application and more information*

*Students must be on track for graduation- needing only elective credits*

American Beauty Academy

Evans Hair Styling College

Mandalyn Academy

The Forum Academy Cosmetology and Esthetics

Skins Science Institute of Laser and Esthetics

Mountainland Applied Technology College

Paul Mitchell the School

Renaissance Academy

Taylor Andrew

**NAIL TECHNICIAN (CTE)**

*Grades 11-12*

*See counselors for application and more information*





UVU BRINGS COLLEGE COURSES RIGHT TO YOUR HIGH SCHOOL CLASSROOM THROUGH LIVE INTERACTIVE DELIVERY

*Interactive video classes taught on the UVU campus and broadcast to Lehi High School students*

Classes on Monday, Wednesday, Friday or Tuesday, Thursday. On the day students are not in class they will have a study hour during the class period in the Lehi High School Media Center. Students must be admitted to UVU and register for the classes through UVU. Students will receive credit through UVU and all grades will be posted on their LHS transcript. There is a tuition payment of \$5 per credit hour paid to UVU.

**Students must have a cumulative GPA of 3.0 or above to enroll in Distance Education Courses**

**Proposed schedule for Fall 2018 and Spring 2019**

**Fall 2018 (Semester 1)**

<u>Period</u>	<u>Day</u>	<u>Time</u>	<u>Class</u>
A1 & B5	MWF	8:00 - 8:50	POLS 1100 (American Nat'l Gov't)
A2 & B6	MWF	9:00 - 9:50	ANTH 101G (Social Cultural Anthropology)
A2 & B6/A3 & B7	MWF	10:00 - 10:50	SOC 1200 (Sociology of the Family)
A3 & B7	MWF	11:00 - 11:50	BIOL 1010* (General Biology)
A4 & B8	MTW	1:00 - 1:50	THEA 1023 (Introduction to Film)
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A2 & B6	T/TH	9:30 - 10:45	ENGL 1010* (Intro to Writing)
A3 & B7	T/TH	11:30 - 12:45	CJ 1010 (Intro Criminal Justice)
A4 & B8	T/TH	1:00 - 2:15	METO 1010 (Intro Meteorology)

**Spring 2019 (Semester 2)**

<u>Period</u>	<u>Day</u>	<u>Time</u>	<u>Class</u>
A1 & B5	MWF	8:00 - 8:50	PSY 1010 (General Psychology)
A2 & B6	MWF	9:00 - 9:50	ART 1010 (Intro to Visual Arts)
A3 & B7/A2 & B6	MTW	10:00 - 10:50	SOC 1010 (Introduction to Sociology)
A3 & B7	MW	11:00 - 11:50	NUTR 1020 (Foundations of Human Nutrition: for students interested in health care professions)
A4 & B8	MWF	1:00 - 1:50	MAT 1030* (Quantitative Reasoning)
A9 & B9	MWF	2:00 - 2:50	PHIL 205G* (Ethics & Values)
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A1, A2 & B5, B6	T/TH	8:30 - 9:45	COMM 1020 (Public Speaking)
A3 & B7	T/TH	11:00 - 12:15	ENGL 2010*(Intermediate Writing)
A4 & B8	T/TH	1:00 - 2:15	MUSC 1030 (American Popular Music)

\*\*\*\*\*PREREQUISITES FOR UVU CLASSES ARE LISTED ON THE BACK OF THIS PAGE\*\*\*\*\*

\*Biology 1010 prerequisite: ACT composite score of 21+

\*English 1010 (Seniors only) prerequisite: GPA 3.0 in English 10 & 11;  
ACT score with the following combinations: English 19+ and Reading 19+ or English 20+ and Reading 18+;  
or English 18+ and Reading 20+  
You can also substitute ACT scores with a UVU Accuplacer Reading and Sentence Skills Test

\*English 2010 (seniors only) prerequisite: English 1010 “C-“ and above or ACT English 29+ and Reading 29+ or  
AP Lit exam score of “3” or above

\*Philosophy 205G (seniors only) prerequisite: English 1010 “C-“ or better or ACT of 29+ in English AND Reading

\*Math 1030 prerequisite: completion of Secondary Math 1, 2, 3, with “C” average for each course or  
Secondary 1, 2, 3 plus a Math ACT score of 23+  
May substitute an ACT score with a Math Accuplacer Assessment Test of an ALEKS Placement Test  
Math 1030 requires an Accuplacer College Level Math score of 60 or above  
Math 1030 requires an ALEKS score in the range of 46 - 60

*Students who have not taken the ACT or did not score high enough, you can go to UVU and take the Accuplacer.  
Testing Services: 801-863-8269*

***For course descriptions for UVU classes see UVU website – [www.uvu.edu/catalog/current](http://www.uvu.edu/catalog/current)***

## Options for Credit Make-up

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### **Alpine School District – Extended Year Program (Summer School)**

Block 1: June 6 – June 26, 2018

Block 2: June 27 – July 20, 2018

(No School July 4, 5, 6)

Cost: \$25 per class

See LHS Website for classes offered

LHS Website: [lhs@alpineschools.com](mailto:lhs@alpineschools.com)

### **East Shore Online**

Cost: \$105 to enroll

(\$100 registration fee/\$5 per packet)

Website: [www.eastshorehs.com](http://www.eastshorehs.com)

### **BYU Independent Study**

Cost: Most courses \$140 for .50 credit

Character Education courses \$50 for .50 credit

Website: <http://elearn.byu.edu>

### **Northridge Learning Center**

Cost: \$50 per quarter credit

Paper packets – not an online program

Phone: 801-776-4532

Address: 42 W 300 N Orem