



# WOODS CROSS HIGH SCHOOL

## REGISTRATION INFORMATION AND COURSE DESCRIPTIONS

### 2020-2021

<b>Required Units of Credit</b>	
English	4.00
Mathematics	3.00
Science	3.00
Social Studies	3.00
Career and Technical Education	1.00
Digital Literacy Studies	0.50
Fine Arts	1.50
Financial Literacy	0.50
Health and Physical Education	2.00
Electives	8.50
<b>Total</b>	<b>27.00</b>

## LANGUAGE ARTS

*Graduation Requirement 4.00 Credits*

*\*Fee required*

## **SOPHOMORE ENGLISH**

### **4080 ENGLISH 10 - YEAR**

This course builds comprehension, composition, language, and critical thinking skills. The focus of study is world literature, including longer and shorter narrative, informational, poetic, and digital texts. Students use the writing process to develop skills in argument, exposition, and narrative. Enriched understandings of vocabulary, grammar, and usage are emphasized, along with preparation for college entrance exams taken in the junior year.

### **4085 HONORS ENGLISH 10 - YEAR**

Pre AP sophomore English course for motivated students who are interested in gaining college-level skills in literary analysis, grammar, usage, and composition.

## **JUNIOR ENGLISH**

### **4100 ENGLISH 11 - YEAR**

This course builds comprehension, composition, language, and critical thinking skills. The focus of study is American literature, including narrative and expository texts foundational to the cultural and intellectual traditions of the United States. Students use the writing process to develop skills in argument, exposition, and narrative. Emphasis is placed on the critical examination of vocabulary, grammar, and usage. Preparation for college entrance exams is also emphasized.

### **4105 HONORS ENGLISH 11 -YEAR**

Pre AP junior course for students who demonstrate high motivation, performance and ability in English language study. The course is an American literature survey requiring extensive reading and critical analysis.

## **SENIOR ENGLISH**

### **4150 ENGLISH 12 YEAR**

This two semester course builds comprehension, composition, language, and critical thinking skills. The focus of study is British literature, including seminal narrative and expository texts of the English-speaking world. Students use the writing process to develop skills in argument, exposition, and narrative composition. College and career readiness is emphasized, with a focus on critical vocabulary, grammar, usage, speaking, and listening skills.

### **4315 AP ENGLISH - Year**

Accelerated senior course designed for students interested in developing college-level writing skills. Extensive reading, writing, and critical thinking will be required. A summer assignment due on the first day of class will be given. Successful performance on the AP English Literature and/or the AP English Language exams may earn a student college credit.

### **4295 CE ENGLISH 1010 – SEMESTER (12)**

#### **College Credit Available WSU \$15**

This course follows the syllabus for Weber State University's initial English course. Successful completion may result in three semester hours of college credit from Weber State University. Students write intensively and must adhere to Weber's attendance policy. This course also fulfills the senior English requirement.

**Prerequisites:** A minimum of 18 on the English and Reading portions of the ACT prior to July and teacher recommendation

### **4300 CE ENGLISH 2010 – SEMESTER (12)**

#### **College Credit Available WSU \$15**

ENGL 2010 prepares students to join conversations on important topics as informed and responsible participants so that they may contribute meaningfully. By the end of the course, students will be able to write clear, coherent, thesis-driven arguments that are carefully edited. Students who successfully complete this course will be able to find, evaluate, and manage sources, understand those sources in relation to ongoing conversations, and enter into dialogue with them in their essays. Furthermore, they will be able to adapt their writing to a variety of situations inside and outside of the university.

**Prerequisites:** CE English 1010 with C or better

## **ENGLISH ELECTIVES (Seniors)**

### **4215 READ 180 - YEAR (10/11/12) This course requires teacher and/or counselor approval.**

This course is designed specifically to increase reading proficiency and prepare students to meet future demands in reading.

### **4335 CREATIVE WRITING I – SEMESTER (11/12)**

The purpose of this introductory course is to help students explore, expand on, and improve their possibilities as creative writers. Students will be expected to write and produce every class period.

**4340 CREATIVE WRITING II - SEMESTER (11/12)**

This course builds on the concepts and skills developed in Creative Writing I. Students will be expected to produce written material every day in class and beyond.

**4385 DEBATE 1\* -SEMESTER**

Students will not only participate in a variety of speaking activities which will be designed to increase argumentative and persuasive skills, but they will prepare to engage in competitive speech and debate. Tournament attendance will be required. Students will learn informative and persuasive speaking skills as well as methods of Lincoln-Douglas, legislative and parliamentary debate.

**Required attendance at 5 tournaments per semester.**

**4390 DEBATE II COMPETITIVE SPEECH & DEBATE\* - SEMESTER OR YEAR**

This course is designed for those who have completed Debate 1. Students should expect to polish and refine their speech and debate skills through class work and interscholastic competition. The following competitive speaking events will be developed: debate, student congress, Model United Nations, mock trial, original oratory, interpretation of literature, extemporaneous and impromptu speaking. Emphasis will be placed on developing research, analytical, persuasive, and argumentative skills.

**Prerequisites:** Debate 1 and/or Instructor Approval

**Required attendance at 6 tournaments per semester.**

**DEBATE III - COMPETITIVE SPEECH & DEBATE\*\* SEMESTER OR YEAR REQUIRES TEACHER APPROVAL**

This course is designed for those who have completed Debate 2. Students should expect to polish and refine their speech and debate skills through class work and interscholastic competition. The following competitive speaking events will be developed: debate, student congress, Model United Nations, mock trial, original oratory, interpretation of literature, extemporaneous and impromptu speaking. Emphasis will be placed on developing research, analytical, persuasive, and argumentative skills.

**Prerequisites:** Debate 2 and/or Instructor Approval

**4290 CE 2110 COMMUNICATIONS \*\* - SEMESTER (12)**

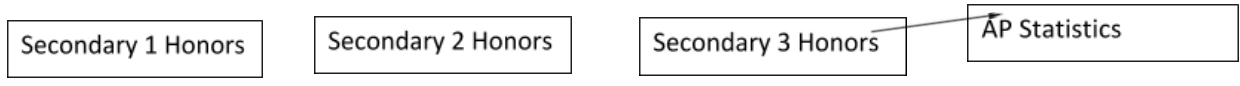
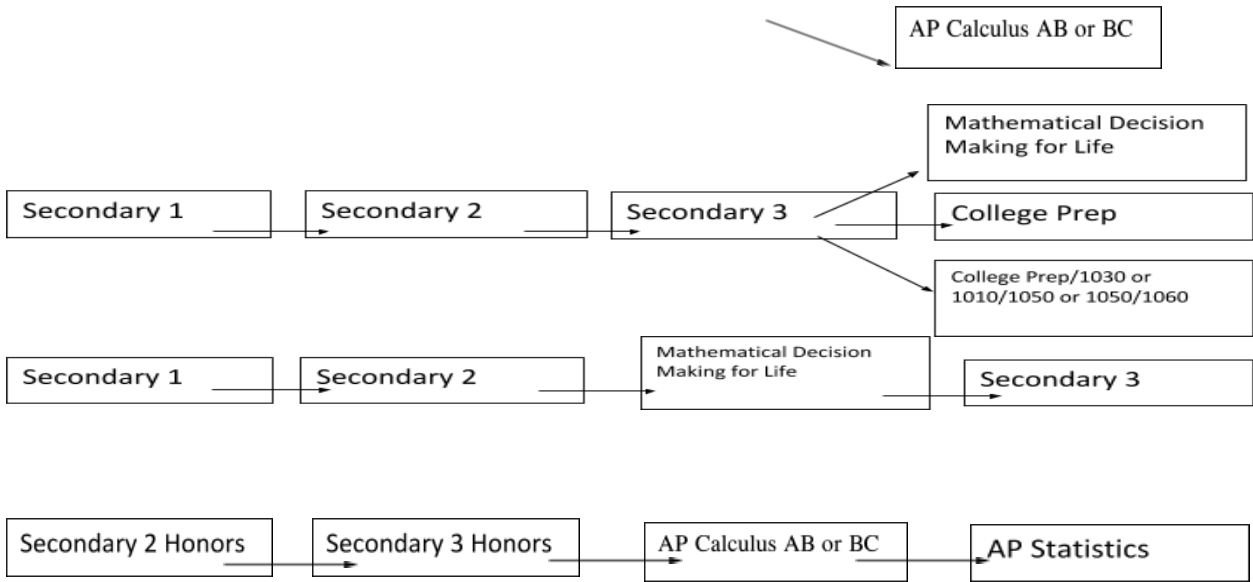
**College Credit Available WSU (COMM 2110) \$15 Tuition**

This is a college-level concurrent enrollment class designed to provide a basic knowledge of interpersonal and small group communication. Increased knowledge of the human communication process and of the nature of relationships both within groups and interpersonally will be emphasized. The course curriculum demands that students be willing to work in an interactive setting. Active participation is essential to success in this course. This course fulfills a required General Education requirement at Weber State.

**\*\* Book must be purchased**

# Math

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
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### **5300 SECONDARY MATH II (10/11)**

#### **Prerequisite: Proficiency in Secondary Math I**

Secondary Math II is necessary for graduation. This course is the primary course for preparing students for the ACT and other college entrance exams. This course covers many topics in geometry and algebra. This course is the first course introducing trigonometry which is essential for any further mathematics classes. Graphing Calculators are required by the 2<sup>nd</sup> term of this course and will be necessary for the rest of the student's math classes in high school. We recommend a TI-84+ edition. These are also available to rent from WXHS for \$25 per year. This course will eventually lead students to CE Math 1030 or 1050.

**A \$10.00 fee for a consumable manual is required.**

### **5305 SECONDARY II HONORS (9/10)**

#### **Prerequisite: A's or B's in Secondary I Honors or teacher recommendation.**

This course is for sophomores with a serious commitment to attend college. Students must be enrolled in the Honors level of Secondary 2 to eventually take AP Calculus and/or AP Statistics. Students will gain a strong foundation in geometry, trigonometry and second year algebra as well as some work with statistics. This is a college prep level course that will teach students critical thinking skills, and strong work ethic, while preparing them for Secondary III Honors and college entrance exams. Students will need a graphing calculator for this course. We suggest the TI 84 + edition. These are also available to rent from WXHS for \$25 per year. This course will eventually lead students to AP Calculus and/or AP Statistics.

**A \$10 fee for a consumable manual is required.**

### **5301 SECONDARY MATH II LAB/COREQUISITE MATH \* Requires teacher approval**

#### **Co-requisite: Secondary Math II**

This course is designed to support the secondary math II class. It is for the student who needs more time with math content to have success in the regular Secondary II Class.

### **5400 SECONDARY MATH III (11/12)**

#### **Prerequisite: Proficiency in Secondary Math II (C or better)**

This course is for students who wish to further their understanding of Algebra 2, Geometry, Trigonometry, and Statistics preparatory for entering college level math courses. Successful completion of this course will prepare students to be successful in Concurrent Enrollment College Algebra courses. Graphing calculators are required for this course and we recommend the TI-84+ edition. These are also available to rent from WXHS for \$25 per year. Students who successfully complete this course will be prepared for CE 1050.

**A \$10.00 fee for a consumable manual is required.**

### **5401 SECONDARY MATH III LAB COREQUISITE (11/12) \*Requires teacher approval**

#### **Co-requisite: Secondary Math III**

This course is designed to support the secondary math III class. It is for the student who needs more time with math content to have success in the regular Secondary III Class.

### **5405 SECONDARY MATH III HONORS (10/11)**

#### **Prerequisite: A's, B's or C's in Secondary Math II Honors or teacher recommendation.**

This class is for juniors and accelerated sophomores only and is the prerequisite course for AP Calculus. This course is a fast paced course that will challenge students and prepare them for AP Calculus. At the end of this course, teachers will help students determine if they should take the AB or BC level Calculus as well as AP Statistics. Students who are taking this course as a junior can also take AP Statistics the same year. Students will need a graphing calculator for this course. We suggest the TI 84 + edition. These are also available to rent from WXHS for \$25 per year. Students who successfully complete this course will be prepared for AP Calculus and/or AP Statistics.

**A \$10.00 fee for a consumable manual is required.**

### **5460 MATHEMATICAL DECISION MAKING FOR LIFE (12)**

#### **Prerequisite: Secondary Math II**

This course fulfills the 3<sup>rd</sup> math high school graduation requirement. However, this course does not teach concepts in preparation for college level math and should not be considered for any college bound student.

Mathematical Decision Making is a four-quarter course for seniors. The course includes mathematical decision making in finance, modeling, probability and statistics, and making choices. The four quarters of instruction are independent of each other, allowing students to enter and exit the course quarterly.

### **5850 COLLEGE PREP MATH (12<sup>th</sup> grade only)**

#### **A \$10.00 fee for a consumable manual is required.**

This course is designed to prepare students for College Algebra 1010 at the university level or CE 1030 2<sup>nd</sup> semester at WXHS. Students will solidify their understanding of algebraic concepts and extend them to cover more difficult concepts preparatory for college math courses. In addition to College Algebra concepts, students will further their study of Trigonometry as well as Probability and Statistics. Much of this course will focus on conceptual understanding, as is necessary in college level mathematics. No college credit is given for this course. Students who are ready for CE 1030 after 1<sup>st</sup> semester can take CE 1030 2<sup>nd</sup> semester. Students who need more time and preparation will stay in this course both semesters.

### **5610 CE MATH 1010 – 1<sup>st</sup> SEMESTER (12)**

#### **College Credit Available at WSU \$20 Tuition**

**Prerequisite:** Proficiency in Secondary 3 (C or above average grade in Sec Math 1, Sec Math 2, Sec Math 3) or ACT Math Sub score 21 or higher. This class provides the students an opportunity to study Algebra at a level necessary to be successful in Concurrent Enrollment Math 1050. This class is required for students who wish to enroll in Concurrent Enrollment 1030 or 1050 class second semester unless they meet the minimum ACT math sub score requirement. Students will need to be admitted to Weber State University, a \$20 fee is required, and students will need to purchase their own book.

### **5620 CE MATH 1030 QUANTITATIVE REASONING – 2<sup>ND</sup> SEMESTER (12)**

#### **College Credit Available at WSU \$15 Tuition**

**Prerequisite:** Successful completion of Math 1, Math 2, and Math 3 with a grade of C or better or ACT Math Subscore 21 or higher.

This course meets the General Education requirement for college graduation for any student going into a liberal arts or social sciences field. Students will receive college credit and a grade from Weber State University. Students will need to be admitted to WSU, a \$20 tuition fee is required, and students will need to purchase their own book.

### **5640 CE MATH 1050 COLLEGE ALGEBRA – 1<sup>st</sup> OR 2<sup>ND</sup> SEMESTER (12)**

#### **College Credit Available at WSU \$20 Tuition**

**Prerequisite:** successful completion of CE Math 1010 (grade of C or better) or ACT Math Subscore 23 or higher.

This course meets the General Education requirement for any student going into a non-liberal arts or social field. This includes Nursing, Education, Business, Engineering, Science, Technology, Math.

Students will receive college credit and a grade from Weber State University. (This credit is transferable to other universities.) Students will need to be admitted to WSU, a \$20 tuition fee is required as well as the purchase their own book.

### **5660 CE MATH 1060 TRIGONOMETRY - 2<sup>ND</sup> SEMESTER ONLY (12)**

#### **College credit available through USU \$20 Tuition**

**Prerequisite:** CE Math 1050 with a grade of C or better 1<sup>st</sup> semester.

This class is a course in college Trigonometry, prerequisite for all students who take Calculus while at the University. College Trigonometry (CE1060) is also a prerequisite for many stem fields.

### **5520 AP CALCULUS AB –YEAR (11/12)**

#### **Highly Recommended: Secondary Math III Honors**

This class covers the first semester of college calculus, including a study of limits, derivatives and their applications, and integrals and their applications, including those of transcendental functions. Prepares students for the AP exam in May. Enrollment in Calculus Lab is recommended. Graphing Calculators are required. Calculators may be rented through Math Department.

### **5530 AP CALCULUS BC –YEAR (11/12)**

#### **Highly Recommended: Secondary III Honors and recommendation of the teacher.**

This course is a college-level course that covers the first two semesters of calculus. All Calculus AB topics will be covered along with series, vectors, and parametric forms. Students who take the BC test will receive a sub score for AB. This course is for students who are very successful in Pre-calculus honors or for those who took AB Calculus the previous year. Enrollment in Calculus Lab strongly recommended. . Graphing Calculators are required. Calculators may be rented through Math Department.

### **5525 CALCULUS LAB COREQUISITE SUPPORT – YEAR (11/12)**

Further opportunity for the exploration of calculus. The student is also registered for AP calculus AB or AP calculus BC.

### **5510 AP STATISTICS –YEAR (11/12)**

#### **Highly Recommended: Successful completion of Secondary III Honors or Secondary III OR dual enrollment in Sec3/Sec3H.**

This course introduces processes used to analyze data and effective research design models, as well as regression analysis, probability, and confidence intervals. The topics and assignments in this course are designed to prepare students to take the AP Statistics test.

# SCIENCE

*Graduation Requirement 3.00 Credits*

*\*Fee required*

## BIOLOGY

### **6200 BIOLOGY\* - YEAR**

Biology is the study of life and life processes. This course presents an overall picture of living things from a chemical, anatomical, and ecological point of view.

### **6201 HONORS BIOLOGY\* (HUMAN AND NATURAL SYSTEMS) -YEAR**

This is a higher level course that teaches biology principles through the study of human body systems and systems of nature. This course will help prepare students for AP Biology and Medical Anatomy & Physiology.

### **6230 AP BIOLOGY\* - YEAR**

An intensive study of living systems, with the goal of learning all that is required to pass the AP Exam. This is a rigorous class. Recommended for college bound students. This course can earn students both high school and college credit. Successful performance on the AP exam would fulfill required life science credits in college for even non-science majors. Also helpful for further biological or medical related studies in college. 1 year of Biology OR Chemistry is HIGHLY recommended but not required.

## CHEMISTRY

### **6400 CHEMISTRY\* -YEAR**

This course is designed to give all students a basic overview of chemical principles and concepts. Also explores applications of these concepts in their daily lives and in the laboratory.

**Prerequisites:** Completion of Sec Math II

### **6401 HONORS CHEMISTRY\* -YEAR**

This course should be taken by all college-bound students. Topics to be taught include: chemical measurements, atomic structure, formulas, chemical reactions and equations, chemical nomenclature, stoichiometry, molecules and chemical bonding, gas laws, liquids, solids, solutions and acids and bases. This course prepares students for college-level chemistry. Explores chemical terms and principles, provides opportunities to investigate in the lab, and helps students apply chemistry to everyday living.

**Prerequisites:** Completion of Sec Math II

### **6440 CE CHEMISTRY (CHEM 1010 & CHEM 1015) - YEAR**

#### **CE CHEMISTRY LAB**

**College Credit Available at UVU for grades 10-12 \$20 Tuition**

**Course Description:** This course presents the foundations of chemistry and prepares students for future college level courses. Topics to be taught include: chemical measurements, atomic structure, formulas, chemical reactions and equations, chemical nomenclature, stoichiometry, molecules and chemical bonding, gas laws, liquids, solids, solutions and acids and bases. Chemistry 1010 fulfills a Physical Science general education course requirement for all institutions of the Utah System of Higher Education – 3 credits. Chemistry 1015 gives 1 credit for laboratory work. The lab is structured into the **same class period** so Chem 1010 & Chem 1015 must be taken together to receive the credit. Students MUST have a 3.0 GPA. It is highly recommended that students be at or above Secondary Math 2 level.

### **6430 AP CHEMISTRY\* -YEAR**

This course prepares students for AP Chemistry test which can give students up to 8 semester credits of college chemistry credit. Covers all concepts of 1<sup>st</sup> year college general chemistry including stoichiometry, thermochemistry, bonding, kinetics, acid-base, and gaseous equilibria and includes extensive laboratory work.

**Highly Recommended:** Current enrollment in or completion of Secondary Math 3 or Calculus. One year of high school chemistry strongly recommended.

## PHYSICS

### **6500 PHYSICS\* -YEAR**

A study of the physical rules of nature. This course is aimed at understanding the concepts involved with the motion of all matter. For the non-college bound student.

**Prerequisites:** Secondary Math I

### **6501 HONORS PHYSICS/AP PHYSICS 1\* -YEAR**

This course is an introductory algebra-based college level physics course that explores the concepts of motion such as Newtonian mechanics; work, energy, power; waves and sound; and introduces simple circuits. **Prerequisites:** Secondary Math II

### **6530 AP PHYSICS I ALGEBRA BASED\* -YEAR**

A study of mechanics motion through investigating speed, acceleration, forces, energy, momentum, inertia and rotations. This course prepares students to pass the AP Physics I Algebra Based test in May. Successful performance on the AP test will replace the first semester of university physics for scientists and engineers.

**Highly Recommended:** Current enrollment in Calculus or Honors Secondary Math III required

### **6530 AP PHYSICS C MECHANICS - YEAR**

A study of mechanics motion through investigating speed, acceleration, forces, energy, momentum, inertia and rotations. This course prepares students to pass the AP Physics C Mechanics test in May. Successful performance on the AP test will replace the first semester of university physics for scientists and engineers.

**Highly Recommended:** Current enrollment in Calculus or Honors Secondary Math III required

## **APPLIED SCIENCE ELECTIVES    These classes meet the third-year science requirement**

### **6264 MARINE BIOLOGY/OCEANOGRAPHY\*-YEAR**

This course is designed as an introduction to the world's oceans, and to the inhabitants and processes contained within its vast boundaries.

Prerequisites: Biology or Honors Biology (**Can be 3<sup>rd</sup> Science**)

### **7888 CE INTRODUCTION TO ENGINEERING DESIGN - YEAR (10-12) (Can be 1.0 Science Credits)**

**College Credit Available WSU (DET 1010) \$20 Tuition**

This foundational course, students are taught to understand and apply the design process, create sketches, use computer software to design models, understand mass property calculations and parametric modeling, understand cost analysis, quality control, staffing needs, packing and product marketing, explore career opportunities in design engineering and understand what skills and education these jobs require, and develop portfolios to display their designs and present them properly to peers, instructors and professionals.

**Technical Sketching and Drawings**

**CAD Computer Modeling**

**Engineering Design Process**

**Career Focus:** Entry level employment or internships through the medical innovations pathway in the Medical Device Industry

**CTSO:** HOSA or TSA

State Skills Certification

### **7131 ANIMAL SCIENCE I\*- YEAR (11/12) (Can be 3<sup>rd</sup> Science)**

This course exposes students to a wide range of scientific principles such as genetics, anatomy, physiology, nutrition, diseases, reproduction, behavior, and management practices of all kinds of animals. Career opportunities and educational preparation are also examined. The students will have many hands-on activities that will help them relate what they have learned to the real world. Students will also learn about and participate in activities from the Career and Technical Student Organization FFA.

**CSTO Recommendation: FFA**

**State Skills Certification**

### **7133 ANIMAL SCIENCE II\*- YEAR (11/12) (Can be 3<sup>rd</sup> Science)**

Students will be exposed to in-depth management practices associated with livestock management, breeding and genetics, and the importance of anatomy and physiology in animal management practices. Course also includes small animal care. This course covers multiple careers in agribusiness related to plant and animal sciences. Students will also learn about and participate in activities from the Career and Technical Student Organization FFA.

**CSTO Recommendation: FFA**

**State Skills Certification**

### **7309 CE MEDICAL ANATOMY & PHYSIOLOGY\* -YEAR (11/12) (Must register for two class periods) (Can be 3<sup>rd</sup> Science)**

**Recommended BUT NOT Required Intro to Health Science, Biology, or Honors Biology.**

**College Credit Available WSU (HTHS 1101 & HTHS 1120)**

This full-year course provides students with an in-depth study of healthcare careers including clinical experience in a variety of areas. Learn Medical Terminology Examine diseases and disorders in-depth Explore anatomical structures and functions

**Materials & Textbook fees required**

**Career Focus:** Prepares you for college level anatomy and physiology, as well as jobs in health care.

**CTSO:** HOSA

State Skills Certification

### **7301 BIOTECHNOLOGY – YEAR (11/12) (Can be 3<sup>rd</sup> Science)**

This course actively engages you in exciting realistic clinical labs, like those of research scientist. Explore DNA manipulation by transferring real DNA from one organism into another. Analyze your own DNA from your sixteenth chromosome and compare it to people around the world (PV92 Lab).



Explore genetically modified organisms as it relates to agriculture. Investigate how your own immune system produces antibodies Discover the bacteria used to make yogurt that flourishes in your own saliva. Grow your own bacterial cultures and investigate their origins.

**Career Focus:** Prepares students for the Medical Innovations Pathway, and careers in laboratories

**Career Focus:** Clinical Laboratory Science

**State Skills Certification Graduation Requirement:** CTE or 3<sup>rd</sup> Science

### **USTAR SUMMER BIOLOGY**

Counts for 1.0 credit Science or elective science

Class runs 8 am – 3pm on dates to be determined.

Field Trips, labs, hands on experiences, and guest presenters are all part of the class.

No prerequisites required

**\$10.00 Lab fee and a registration form must be sent to district office See counselors for the forms and address**

# SOCIAL STUDIES

*Graduation Requirement 3.00 Credits*

*\*Fee required*

## **4540 WORLD HISTORY -YEAR**

A year-long survey of World History, past and present, that provides a basis to compare Western and non-Western cultures in terms of history, philosophy, laws, languages, literature, religions and the arts.

## **4591 AP WORLD HISTORY -YEAR (10)**

This course covers a study of ancient civilizations such as the Egyptians, then addresses the Classical Empires such as Greeks and Romans. Most of the course is focused primarily on the past thousand years. Discussions, class activities and writing practice will prepare all students to pass the A.P. test. Successful performance on that test may earn a student college credit.

## **4550 U.S. HISTORY -YEAR (11)**

A year-long survey of American History with an emphasis on the 20th Century.

## **4555 CE 1700 US HISTORY - YEAR (11)**

This course surveys American history from the origins of the USA to the modern day. Chronologically, the course emphasizes modern history; in particular, the World Wars, the Cold War, and the shattering transformations of the 20th century. A student who passes this class with a C- or higher will be awarded college credit at public universities in Utah as well as BYU (CE credit also transfers to many universities outside of Utah).

## **4593 AP U.S. HISTORY -YEAR (11)**

This course deals with the American Revolution, Jacksonian period, the Civil War, Reconstruction, Populism, Progressivism, the New Deal, and International affairs and domestic change in the post-1945 era. An AP test will be given the second week of May and those who pass may be awarded college credit.

## **4560 U.S. GOVERNMENT & CITIZENSHIP –SEMESTER (12)**

The goal of this course is to promote responsible participation in community affairs. Upon completion of this course, students will understand the major ideas, protections, privileges, structures, and economic systems that affect the life of a citizen in our country.

## **4566 CE US GOVERNMENT & CITIZENSHIP - SEMESTER (12)**

The goal of this course is to promote responsible participation in community affairs. Upon completion of this course, students will understand the major ideas, protections, privileges, structures, and economic systems that affect the life of a citizen in our country.

## **4594 AP U.S. GOVERNMENT & POLITICS –SEMESTER (12)**

This course is designed to give students a critical perspective on politics and government in the U.S. This class will emphasize the study of the Constitution, Bill of Rights, political parties, court rulings, the federal government and special interest groups. College Credit will be awarded to those students who pass the AP test in May.

## **SOCIAL STUDIES ELECTIVES**

### **4570 INTRODUCTORY PSYCHOLOGY\* -SEMESTER**

- ◊An introductory/survey course for students in all grades
- ◊Uncover the truth behind the myths surrounding psychology
- ◊Discover modern research findings about the human mind and behavior
- ◊ Learn about adolescence, sleep, hypnosis, the brain, personality theory, and psychological disorders, and more.

#### **This course prepares the learner to:**

- \* Work with humans in any field
- \* Consume psychological information wisely
- \* Understand yourself, your friends, and family better
- \* Succeed in AP Psychology (this course is not a prerequisite for AP)

### **4598 AP PSYCHOLOGY -YEAR**

- ◊A rigorous study of the human mind and behavior for students in all grades
- ◊No prior psychology classes are required to take this course
- ◊Subjects covered in the course include: research methods, social psychology, the brain and behavior, memory and cognition, learning development, motivation and emotion, psychological disorders, therapy and more

#### **This course prepares the learner to:**

- \* Pass the AP exam at the end of the year
- \* Succeed in any future college course

#### **4572 SPORT PSYCHOLOGY - SEMESTER**

Overview of psychological theory and research as it relates to sport and performance

Focus on the individual and group levels

Application of theory and research to the student's immediate sport and/or performance goals

**This course prepares the learner to:**

Understanding performance strengths and weaknesses better

Tackling anxiety, confidence issues, and focus issues

Creating strategies to overcome weaknesses

This course is also available through (IVC) originating at Syracuse High School if needed.

#### **4601 SOCIOLOGY - SEMESTER**

The study of human group behavior, i.e. culture, social groups, family, education, religion, politics, deviant behavior, etc.

# CAREER AND TECHNICAL EDUCATION (CTE)

*All CTE Courses count towards Graduation Requirement of 1.00 CTE Credits. Some courses may be used for other credits as listed.*

*\*Class Fee required*

## **AGRICULTURE**

<https://www.schools.utah.gov/cte/agriculture>

### **7131 ANIMAL SCIENCE I\*- YEAR (11/12) (Can be 3<sup>rd</sup> Science)**

This course exposes students to a wide range of scientific principles such as genetics, anatomy, physiology, nutrition, diseases, reproduction, behavior, and management practices of all kinds of animals. Career opportunities and educational preparation are also examined. The students will have many hands-on activities that will help them relate what they have learned to the real world. Students will also learn about and participate in activities from the Career and Technical Student Organization FFA.

**CSTO Recommendation: FFA**

**State Skills Certification**

### **7133 ANIMAL SCIENCE II\*- YEAR (11/12) (Can be 3<sup>rd</sup> Science)**

Students will be exposed to in-depth management practices associated with livestock management, breeding and genetics, and the importance of anatomy and physiology in animal management practices. Course also includes small animal care. This course covers multiple careers in agribusiness related to plant and animal sciences. Students will also learn about and participate in activities from the Career and Technical Student Organization FFA.

**CSTO Recommendation: FFA**

**State Skills Certification**

### **7153 FLORICULTURE\* - 1ST SEMESTER**

This is a fun class where students develop skills used in floral design and the floral industry. Students will learn to create floral arrangements, grow and identify plants. Skills learned in this class prepare students for careers in the floral industry or can be for personal use. Students will also learn personal landscape design and installation principles. Students will also learn about and participate in activities from the Career and Technical Student Organization FFA.

**CSTO Recommendation: FFA**

**State Skills Certification**

### **7155 GREENHOUSE MANAGEMENT\* - 2ND SEMESTER**

This is a hands-on class geared toward Greenhouse Management. Students will learn about different greenhouse structures, planting and propagation methods, greenhouse marketing methods, horticulture, plant ID, and how to successfully run and operate a greenhouse. Students will be growing plants to sell to the Woods Cross community and gaining real world, hands on experience. Students will also learn about and participate in activities from the Career and Technical Student Organization FFA.

**CSTO Recommendation: FFA**

**State Skills Certification**

## **BUSINESS AND MARKETING** <https://www.schools.utah.gov/cte/business/courses?mid=1723&aid=23>

### **7501 ACCOUNTING 1\* – SEMESTER (With Accounting 2, can be 3rd Year Math Credit)**

Accounting may be the best route to a successful business career because accounting is the language and basic tool of business.

- Learn basic accounting principles, accounting concepts and accounting terminology
- Develop a thorough understanding of revenues, expenses, assets, and liabilities for a service business
- Acquire skills to prepare and analyze Income Statements and Balance Sheets

**Career Focus:** Prepared for entry-level positions and other occupational/educational goals.

**CSTO Recommendation: DECA**

**State Skills Certification**

### **7502 ACCOUNTING 2\* - SEMESTER (With Accounting 1, can be 3rd Year Math Credit)**

**Prerequisite: Accounting 1**

Job opportunities in today's business climate is better than ever for accountants.

- Build on the fundamentals learned in Accounting 1
- Develop a thorough understanding of revenues, expenses, assets, and liabilities, depreciation, and payroll for a corporation

- Acquire skill to create and analyze financial statements for companies offering investment opportunities

**Career Focus:** Prepared for entry-level positions and other occupational/educational goals.

**CSTO Recommendation:** DECA

State Skills Certification

### **7530 CE BUSINESS OFFICE SPECIALIST - SEMESTER (10-12) (Can be 0.5 Digital Studies Credit)**

**College Credit Available WSU (WEB 1700) \$15 Tuition**

This course prepares students for immediate employment in multiple office settings. Students will learn how the Microsoft Suite allow businesses to complete day to day activities. Industry certification that demonstrate employable skills are available.

- Course applies advanced concepts and principles using word processing, spreadsheets, databases, and electronic presentation software.
- This is not an introductory course. Must have foundational knowledge of Microsoft Office.
- Discover connections with technology and apply skills to other classes.

**Career Focus:** Careers requiring Microsoft Certification

**CSTO Recommendation:** DECA

State Skills Certification

### **7520 BUSINESS (AND PERSONAL) LAW\* - SEMESTER**

Students will gain an understanding of the law as it relates to them currently and the implications of the law in their future lives as well as the lives of their family and friends. They will also work to gain an understanding of basic legal vocabulary.

- Gain an exciting perspective of the legal system
- Analyze criminal and civil law, litigation, contract law, employment law, and consumer law
- Apply skills learned in class and participate in a mock trial
- Possible field trip to Davis County Jail in Farmington

**Career Focus:** Prepared for further education in law.

**CSTO Recommendation:** DECA

State Skills Certification

### **7525 CE BUSINESS MANAGEMENT – SEMESTER (11/12)**

**College Credit Available at WSU (BSAD) 1010 \$15 Tuition**

**Textbook purchase required**

This Business Management course seeks to develop sound management concepts within students. Effective management requires decision-making abilities, long-range planning knowledge, human relations expertise, and motivational skills. Students learn the four basic functions of management: planning, organizing, directing, and controlling.

- Describe and discuss why companies exist and how they influence society.
- Analyze and examine what managers do, focusing on leadership and decision-making.
- Synthesize and evaluate data in all areas of business (marketing, financing, accounting, and production).

**Career Focus:** Cultivate an engaging learning environment to help you decide whether a career in business makes sense for you.

**CSTO Recommendation:** DECA

State Skills Certification

### **7539 DIGITAL MARKETING –SEMESTER**

The Digital Marketing course is designed to give students a general background in digital marketing and an introduction to the rapidly growing and evolving career field.

- Learn the skills necessary for solving business problems and developing marketing opportunities.
- Gain experience in E-Commerce, media planning, branding, online advertising, display advertising, digital campaigns, social media marketing, and mobile media.

**Career Focus:** Prepare for future employment in marketing and other related careers

**CSTO Recommendation:** DECA

State Skills Certification Test

### **7542 CE ENTREPRENEURSHIP - SEMESTER (11/12)**

**College Credit Available WSU (ENTR 1002) \$15 Tuition**

Students will gain an understanding of the marketing and management principles necessary to start and operate their own business. They will develop an awareness of the opportunities for small business ownership and develop the planning skills needed to open a small business.

- Gain an awareness of knowledge needed in research, planning and regulations affecting the small business and the means of financing a small business.
- Understand the specific strategies of business management and marketing and the economic role of the entrepreneur in the market system.
- Discover traits and characteristics of successful entrepreneurs
- Analyze how forms of business ownership, government regulations, and legal regulations affect entrepreneurial ventures

**Career Focus:** Prepare for business ownership and management

**CSTO Recommendation: DECA**  
State Skills Certification Test

### **7560 MARKETING 1– SEMESTER**

Marketing I explores the seven core functions of marketing which include: 1. marketing planning 2. why target market and industry affect businesses; marketing information management 3. why market research is important; pricing 4. how prices maximize profit and affect the perceived value; product/service management 5. why products live and die; promotion 6. how to inform customers about products; channel management 7. how products reach the final user; and selling – how to convince a customer that a product is the best choice.

- Participate in hands on projects and activities associated with skills in selling, pricing, product/service planning, distribution, promotion and information mgmt.
- Engage with classmates to further interpersonal skills while working on various projects
- Possible field trip to Vivint Smart House Arena in Salt Lake City

**Career Focus:** Prepare for future employment in marketing and other related careers

**CSTO Recommendation:** DECA  
State Skills Certification Test

### **7561 CE MARKETING 2\* - SEMESTER (11/12)**

**College Credit Available WSU (PS 1303) \$15 Tuition**

This project-based course allows students to develop and demonstrate management level marketing skills.

- Develop and demonstrate management level marketing skills
- Experience first-hand marketing projects by creating various advertising or public relations campaigns, developing business plans, and conducting market research
- Be a key part of the team that develops DECA written project
- Possible field trip to Vivint Smart House Arena in Salt Lake City

**Career Focus:** Prepare for future employment in marketing and other related careers

**CSTO Recommendation:** DECA  
State Skills Certification Test

### **7570 SPORTS & Event MARKETING\* - SEMESTER (10-12)**

This is an introductory course that will help students gain an understanding of marketing concepts as they apply to the sports and entertainment industry.

- Develop a thorough understanding of the marketing concepts and theories that apply to sports and sporting events
- Explore the key areas associated with sports marketing plans while working in small teams
- Gain interpersonal skills through working with peers and classroom presentations
- Possible field trip to Vivint Smart House Arena in Salt Lake City

**Career Focus:** Prepare for future employment in marketing and other related careers

**CSTO Recommendation:** DECA  
State Skills Certification Test

### **7550 HOSPITALITY & TOURISM\* - SEMESTER (10-12)**

The Hospitality and Tourism course provides the student with an understanding of one of the largest industries in Utah and the world. Specific applications include marketing, promoting, and selling the product of airlines, international travel, ground transportation, cruising, hotel and lodging, restaurants, and tours.

- Explore the evolution of the tourism industry, destination geography, airlines, international travel, cruising and hospitality
- Discover the careers associated with one of the largest industries in the world
- Develop interpersonal skills through working with peers and classroom presentations.
- Possible field trip to Grand America in Salt Lake City.

**Career Focus:** Prepare for future employment in marketing and other related careers

**CSTO Recommendation:** DECA  
State Skills Certification Test

## **EDUCATION**

<https://www.schools.utah.gov/cte/education?mid=3996&tid=1>

### **7216 TEACHING AS A PROFESSION 2 – SEMESTER (10-12)**

Get hands on experience of how an educator uses coaching and leadership skills to successfully manage a classroom. Learn about the role of an educator in the classroom and instructional strategies. Learn and observe differentiated instruction and how it affects student learning. Create an environment where students are encouraged and empowered to become lifelong learners. Practice the art of creating instructional activities to inspire students to enjoy learning.

**Career Focus:** Prepare for further training in elementary and/or secondary education.

**CSTO Recommendation:** Educators Rising  
State Skills Certification

### **7217 CE TEACHING AS A PROFESSION 3 – SEMESTER (11/12)**

**College Credit Available WSU (EDUC 1010) Tuition \$15**

Students will explore the exciting world of teaching, examine what it means to be a teacher, and participate in field observations. This course is designed to introduce students to personal and professional experiences within the educational community. This course, or an approved equivalent, is a prerequisite to elementary and secondary licensure programs in the Department of Teacher Education at Weber State University.

**Career Focus:** Prepare for further training in elementary and/or secondary education.

**State Skills Certification**

**CSTO Recommendation:** Educators Rising

## **FAMILY & CONSUMER SCIENCE**

<https://www.schools.utah.gov/cte/facs/courses?mid=1782&aid=20>

### **7452 ADULT ROLES AND FINANCIAL LITERACY CE\* - SEMESTER (10-12) (0.5 General Financial Literacy Credit and 0.5 CTE Credit)**

This course prepares students to understand human relationships involving individuals and families integrated with general financial literacy. Topics include career and workforce preparation; dating, marriage, and parenting; decision-making, communication, and self-awareness; money management, saving, investing; and individual roles and responsibilities within the family, community, and workforce.

**Career Focus:** Prepare for any career that will work with children (i.e. Public Safety, Health Sciences, Education)

**CSTO Recommendation:** FCCLA

State Skills Certification

### **7410 CHILD DEVELOPMENT\* - SEMESTER (10-12) (Can be taken for CE Credit)**

Students will understand growth and development of children from infant through preschool years. This course covers family and parental responsibilities, pregnancy, challenging situations and safety/health of young children. Included in this course are many hands-on activities as well as the opportunity for an infant and pregnancy simulator. Our classroom has access to and observation of our Child Care Center and is a prerequisite for Early Childhood Education classes which primarily take place in the Child Care Center.

**Career Focus:** Prepare for any career that will work with children (i.e. Public Safety, Health Sciences, Education)

**CSTO Recommendation:** FCCLA

State Skills Certification

### **7412 EARLY CHILDHOOD EDUCATION 1\* - SEMESTER (10-12) Formerly ECE 1A (Can be taken for CE Credit)**

**Preferred Prerequisite:** *Child Development*

Students in this course will understand positive guidance techniques, developmentally appropriate practice (DAP), and safety and health guidelines for children. In addition to learning the material, students will be involved directly with the children in the Child Care Center, applying this knowledge. Students teach preschool lessons and assist in activities with toddlers and infants. This course covers all areas of development as well as kindergarten readiness standards. After completion of this course, students are prepared to assist in the Child Care Center full-time.

**Career Focus:** Prepare for careers in early child education and elementary education

**CSTO Recommendation:** FCCLA

State Skills Certification

### **7413 EARLY CHILDHOOD EDUCATION 2 (CENTER)\* - SEMESTER (10-12) Formerly ECE 1B**

**Prerequisite:** *Child Development, ECE 1*

Students in this course are involved full-time with the Child Care Center. This hands-on course involves direct participation with children ages 0-5, assisting with educational activities including preschool. Students in this course take on leadership roles as they plan and carry out fine and gross physical motor activities both indoors and outdoors with the children. All areas of development are highlighted as students interact and assist with the children.

**Career Focus:** Prepare for careers in early child education and elementary education

**CSTO Recommendation:** FCCLA

State Skills Certification

### **7415 EARLY CHILDHOOD EDUCATION 3\* - SEMESTER (11/12) Formerly ECE2**

**Prerequisite:** *Child Development, ECE 1, ECE 2*

Students in this course are involved full-time with the Child Care Center. This hands-on course involves direct participation with children ages 0-5, assisting with educational activities including preschool. Students in this course take on leadership roles as they plan and carry out fine and gross physical motor activities both indoors and outdoors with the children. All areas of development are highlighted as students interact and assist with the children.

**Career Focus:** Prepare for careers in early child education and elementary education

**CSTO Recommendation:** FCCLA  
State Skills Certification

### **7417 CE HUMAN DEVELOPMENT\* - YEAR (11/12)**

Human Development introduces the developmental stages of individuals across the lifespan. Students will study biological, cognitive, and social/emotional developmental changes of the individual in the context of the family and society. It emphasizes and demonstrates the vital connections between theory, research, and application. This course will strengthen comprehension of concepts and standards outlined in Sciences, Technology, Engineering and Math (STEM) education.

**Career Focus:** Any career that will work extensively with people

**CSTO Recommendation:** FCCLA  
State Skills Certification

### **7460 FOOD AND NUTRITION 1\* - SEMESTER (10-12)**

**An introductory course that helps students understand the principles of a healthy eating lifestyle, nutrition, and how food plays a role in overall health.**

- Cook delicious food related to the macronutrients (carbs, protein, and fat) and the micronutrients (vitamins and minerals) your body needs to survive
- Discover how you can maintain a healthy lifestyle NOW by analyzing your diet
- Develop your skills in food preparation and food safety
- Earn your Food Handler's Permit

**Career Focus:** Prepare for immediate employment, professional culinary programs, and further education.

**CSTO Recommendation:** FCCLA  
State Skills Certification

### **7461 FOOD AND NUTRITION 2\* - SEMESTER (10-12)**

**Prerequisites:** *Foods and Nutrition 1*

An intermediate course on foods and nutrition that explores food selection and preparation of food.

- Cook delicious food related to bread, meat, salad, soup, and pies.
- Compete against other kitchen groups to determine who can create the best dish
- Discover how you can maintain a healthy lifestyle now and throughout your life by preparing food for all stages of life
- Discover how to be an effective grocery shopper
- Explore food-related careers

**Career Focus:** Prepare for immediate employment, professional culinary programs, and further education.

**CSTO Recommendation:** FCCLA  
State Skills Certification

### **7465 CE CULINARY ARTS – YEAR (11/12)**

**Prerequisites:** *Foods and Nutrition 1 and Foods and Nutrition 2*

College Credit Available from Weber State University (NUTR 1240I), \$15 Tuition

An advanced class where students focus on advanced food preparation and food presentation.

- Learn how to prepare foods in a healthy way using various cooking and food presentation techniques
- Become an informed food consumer--learn how your food choices affect the environment
- Take your cooking skills learned in Foods 1 and 2, and apply them to more advanced recipes
- Learn how to run a food-related business, including catering, bakery, restaurant, hospitality and fast food business operations.
- Continue refining your skills in food safety and sanitation, food preparation, and nutrition.

**Career Focus:** Prepare for immediate employment, professional culinary programs, and further education.

**CSTO Recommendation:** FCCLA  
State Skills Certification

### **7463 CE NUTRITION—FOUNDATIONS OF NUTRITION\*\* - SEMESTER (11/12)**

College Credit Available from Weber State University (NUTR 1020), \$15 Tuition

**CE Textbook purchase required**

A college level class that focuses in on nutrition and the foods that people eat. This course counts as a life science on college transcripts.

- Learn how food is used by the body, and how food affects the body
- Become an informed consumer of food and nutritional information in our modern environment
- Discover how to make wise food choices now and in the future
- Analyze your diet using advanced diet analysis technology

**Career Focus:** Prepares students for careers in meal planning, and dietician.

**CSTO Recommendation:** FCCLA  
State Skills Certification



## **HEALTH SCIENCE**

<https://www.schools.utah.gov/cte/health/courses?mid=1850&aid=3>

### **7308 INTRODUCTION TO HEALTH SCIENCE\* - SEMESTER (10/11) (Sophomores can take with Health class a for yearlong course)**

This is a foundational course that is designed to create an awareness of career possibilities in health care and inform students of the educational options available for health science and health technology programs. This is a wonderful course to prepare for all other Health Science Career classes.

- Build body parts with clay
- Disease and career research/presentations
- Learn how to keep your body healthy

**Career Focus:** Prepares students for Medical Innovations Pathway

**CTSO:** HOSA

State Skills Certification

### **7305 CE EXERCISE SCIENCE/SPORTS MEDICINE \*- YEAR (11/12)**

*Recommend but not required: Honors Biology, Intro to Health Science or Medical Anatomy and Physiology*

**College Credit Available WSU (AT 2175) \$15 Tuition**

This full-year course is designed to teach students components of exercise science/sports medicine.

- Explore careers related to Sports Medicine
- Prevent, evaluate, and treat various sports injuries
- Learn how to tape an ankle and other preventative skills
- Beneficial background for all injury related careers
- Basic First Aid and CPR/AED certification possible

**Materials & American Red Cross Certification fees required**

**Career Focus:** Prepares students for careers working with athletes and physical therapy

**CTSO:** HOSA

State Skills Certification

### **7303 CE EMERGENCY MEDICAL RESPONSE – SEMESTER (11/12)**

*Preferred Prerequisites: Medical Anatomy/Physiology or Intro to Health Science or Honors Biology*

**College Credit Available WSU (AT 2300) \$15 Tuition**

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.

- Save a life!
- Develop professional level First Aid and CPR skills
- Highest you can go prior to EMT training
- Earn American Red Cross certification in Blood borne Pathogens, Emergency Oxygen Administration, CPR/AED for the Professional Rescuer, and Emergency Medical Response (Advanced First Aid)
- Enhances marketability for careers in law enforcement, fire, search & rescue, ski patrol, etc.

**Materials, textbook, and American Red Cross certification fees required.**

**Career Focus:** Prepare students for emergency medical response and emergency medical technician

**CTSO:** HOSA

State Skills Certification

### **7309 CE MEDICAL ANATOMY & PHYSIOLOGY\* -YEAR (11/12) (Must register for two class periods) (Can be 3<sup>rd</sup> Science)**

*Recommended BUT NOT Required Intro to Health Science, Biology, or Honors Biology.*

**College Credit Available WSU (HTHS 1101 & HTHS 1120)**

This full-year course provides students with an in-depth study of healthcare careers including clinical experience in a variety of areas.

- Learn Medical Terminology
- Examine diseases and disorders in-depth
- Explore anatomical structures and functions

**Materials & Textbook fees required**

**Career Focus:** Prepares you for college level anatomy and physiology, as well as jobs in health care.

**CTSO:** HOSA

State Skills Certification

### **7301 BIOTECHNOLOGY – YEAR (11/12) (Can be 3<sup>rd</sup> Science)**

This course actively engages you in exciting realistic clinical labs, like those of research scientist.

- Explore DNA manipulation by transferring real DNA from one organism into another
- Analyze your own DNA from your sixteenth chromosome and compare it to people around the world (PV92 Lab)

- Explore genetically modified organisms as it relates to agriculture
- Investigate how your own immune system produces antibodies
- Discover the bacteria used to make yogurt that flourishes in your own saliva
- Grow your own bacterial cultures and investigate their origins.

**Career Focus:** Prepares students for the Medical Innovations Pathway, and careers in laboratories

**CTSO:** HOSA

State Skills Certification

### **7319 CERTIFIED NURSE ASSISTANT\*(CNA) – SEMESTER (11/12) (Offered at Viewmont High School)**

An educational program that prepares individuals to perform routine nursing-related services to patients in hospitals or long-term care facilities under the training and supervision of a registered nurse or licensed practical nurse.

- Develop basic nursing and patient care skills.
- Participate in labs teaching skills such as blood pressure, basic wound care, etc.
- CNA certification upon completion of State exam

Student is responsible for transportation to **Viewmont High School. Students must be 16 on the first day of class. Estimated cost \$150. Required vaccinations include: TB Test, Flu Shot, Hep B, MMR, Varicella, and Tdap.**

**Career Focus:** Prepares students for immediate entry level employment in all nursing fields

**CTSO:** HOSA

State Skills Certification

## **Information Technology**

<https://www.schools.utah.gov/cte/computer/courses>

### **7752 CE Digital Graphic Arts Intro- available 1st SEMESTER (10-12)**

**College Credit Available UVU (DGM 1110)) \$20 Tuition if taken with CE Digital Media 1 in same year.**

This course is designed to provide students with the basic knowledge and skills related to the graphic design industry. It is intended to serve as a starting point for several pathways including Digital Media, Graphics and Printing, 3D Animation and Game Development. This includes instruction and hands-on assignments in the following areas: creative design and layout, typography, color, related software, and computer and professional skills.

- Cartoon yourself, create pixel art, hone your photography skills, and design for real world clients.
- Learn foundational skills and how they apply in a myriad of design and technology careers.
- Hands-on computer training with the Adobe Creative Suite, including Illustrator and Photoshop.
- Begin your portfolio with diverse creations and even become an Adobe Certified Associate.

**Career Focus:** Find out how these skills can be applied to countless careers including Graphic Design, Marketing, and Game Design.

**CTSO:** SkillsUSA

State Skills Certification

### **7766 Digital Media 1 - available 2<sup>nd</sup> SEMESTER (10-12)**

**Recommended: Digital Graphic Arts Intro**

**College Credit Available UVU (DGM 1110)) \$20 Tuition if taken with CE Digital Graphic Arts Intro in same year.**

A first-year digital media course where students will create and learn digital media applications while using elements of text, graphics, animation, sound, video, and digital imaging for various formats. These abilities will prepare students for entry-level multimedia positions and provide fundamental 21st Century Learning skills beneficial for other occupational/educational endeavors.

- Compose music and sound FX, animate characters, and take home the prize at our film festival.
- Learn visual composition, principles of animation, and loads of technical skills while improving your digital citizenship.
- Hands-on training with recording equipment and Adobe software including Premiere, Animate, and Audition.
- Complete your digital portfolio filled with all kinds of media, and even become an Adobe Certified Associate.

**Career Focus:** Explore technical careers in Sound, Animation, and Video Production. Learn skills that will have broad application in a variety of fields.

**CTSO:** Skills USA

State Skills Certification

### **7702 3-D GRAPHICS – 1st SEMESTER (10-12)**

**Recommended Prerequisite: Digital Graphic Arts Intro**

3D Graphics is a one-semester course. Students will use 3D graphics software to produce 3D models. This course will introduce students to 2D and 3D modeling, the creation and application of textures, mapping, lighting, camera techniques, and rendering of 3D models.

- Design your dream home. Invent a robot. Create a world and digitally sculpt original characters.
- Learn about the history and various applications of 3D in several industries.
- Hands-on training with Paint 3D, Sketchup, Adobe CS, and the powerful Blender software.

- Bring your creations to life within a game engine or 3D printed with polymers.

**Career Focus:** Explore careers in various industries including entertainment, health sciences, aerospace, and engineering.

**CTSO:** Skills USA

State Skills Certification

### **7701 3D ANIMATION – 2<sup>nd</sup> SEMESTER \* (10-12)**

**Prerequisite:** *3D Graphics*

**Recommended:** *Digital Graphic Arts Intro and/or Digital Media 1*

3D Animation is a one-semester course using 3D graphics software to produce 3D models and animations. This course will introduce students to 2D and 3D graphics, animation planning, storyboard development, and the animation process.

- Build a character, sculpt an environment, and bring your creations to life with textures and lighting.
- Learn the principles of animation along with the evolution of 3D technology and its use in new, unbelievable applications.
- Hands-on illustration and computer training with Sketchup, Adobe CS, and powerful new Blender software.
- Create and experience the worlds and objects of your imagination in a cooperative team effort.

**Career Focus:** Explore careers in various industries including entertainment, health sciences, aerospace, and engineering.

**CTSO:** SkillsUSA

State Skills Certification

### **7601 TV BROADCASTING 1\* - 1<sup>st</sup> SEMESTER (11/12)**

**Prerequisite:** *Digital Media 1 OR Video Productions 1*

This course is designed to provide students with the basic knowledge and skills related to the television broadcasting industry. This includes instruction and hands-on assignments in the following areas: camera operation, audio systems, lighting systems, pre-production, studio operations, control room operations, visual effects and graphics, and copyright laws.

- **Operate professional audio/video recording and editing equipment.**
- **Hands-on computer training in Adobe Premiere.**
- **Gain skills for analyzing and critiquing the work of others.**
- **Create videos for Wildcat TV and other applications of your choice.**
- **Develop your acting skills and camera presence.**

**Career Focus:** Learn technical, creative, and communication skills that can be applied to a variety of careers.

**CTSO:** SkillsUSA

State Skills Certification

### **7602 TELEVISION BROADCASTING 2\* - 2<sup>nd</sup> SEMESTER (11/12)**

**Prerequisite:** *Television Broadcasting 1 or Video Productions 1*

This course is designed to provide students with the advanced knowledge and skills related to the television broadcasting industry. This includes instruction and hands-on assignments in the following areas: camera operation, audio systems, lighting systems, pre-production, studio operations, control room operations, visual effects and graphics, and copyright laws.

- **Operate professional audio/video recording and editing equipment in a live setting.**
- **Hands-on computer training in Adobe Premiere and After Effects.**
- **Create videos for Wildcat TV and other applications of your choice.**
- **Gain skills for analyzing and critiquing the work of others.**
- **Further develop your acting skills and camera presence.**

**Career Focus:** Learn technical, creative, and communication skills that can be applied to a variety of careers.

**CTSO:** SkillsUSA

State Skills Certification

### **7603 VIDEO PRODUCTIONS 1\* - 2<sup>nd</sup> SEMESTER (10-12)**

This course is designed to provide students with the basic knowledge and skills related to the video production industry.

- Camera operation
- Recording audio
- Lighting systems,
- Pre-production, production, postproduction
- Visual effects and graphics
- Copyright laws

**Career Focus:** Learn technical, creative, and communication skills that can be applied to a variety of careers.

**CTSO:** SkillsUSA

State Skills Certification

### **7795 CE WEB DEVELOPMENT 1- SEMESTER (11/12) (Can be used as 0.5 Digital Studies Credit)**

**College Credit Available WSU (WEB 1400) \$15 Tuition**

Web Development 1 is a course designed to guide students in a project-based environment, in the development of up-to-date concepts and skills that are used in the development of today's websites. Students will learn the fundamentals of how the internet works.

- Acquire skills to produce, edit, publish, and maintain a website on the Internet using HTML and Adobe Dreamweaver CS6
- Demonstrate a knowledge of the Internet and its tools using email, search engines and browsers
- Identify elements of good web page design

**Career Focus:** Prepared for further education.

**CTSO:** SkillsUSA

State Skills Certification

### **7764 CE GAME DEVELOPMENT FUNDAMENTALS- SEMESTER (10-12)**

**Enrollment for CE credit through Weber State University is required (CS 1010) \$15 Tuition**

This course is designed to provide students with knowledge and project-based experiences of fundamental gaming development and concepts related to STEM.

- Learn the foundation of digital game design and game theory
- Design gameplay, rules and structure of the game including environment, storyline and characters
- Learn and implement the game development production cycle process
- Create games using the Unity game engine

**Career Focus:** Prepared for entry-level positions and other courses in game development

**CTSO:** SkillsUSA

State Skills Certification

### **7740 CE COMPUTER SCIENCE PRINCIPLES – SEMESTER (10-12) (Can be used as 3<sup>rd</sup> 1.0 Science Credits or Digital Studies Credit)**

**College credit available through Weber State University (CS 1030) \$20 Tuition**

This course is a broad based, college level, course that looks at the larger picture of computer science. Students that take this course are exposed to multiple parts of computer science that go beyond programing.

- Explore a wide variety of topics relevant to the fields of computer science and software engineering
- Consider the societal impacts of computing and information technology
- Design and code web pages using *Hypertext Markup Language (HTML)* and *Cascading Style Sheets (CSS)*
- Create databases and retrieve data using *Structured Query Language (SQL)*
- Solve problems by creating algorithms and write software applications in *JavaScript* code

**Career Focus:** Prepared for entry-level positions in multiple computer science fields

**CTSO:** SkillsUSA

State Skills Certification

### **7734 CE COMPUTER PROGRAMMING 1 – 1<sup>st</sup> SEMESTER (11/12) (Can be used as 0.5 Digital Studies)**

**Prerequisite:** *CE Computer Science Principles for (CS1030)*

**College credit available through Weber State University (CS 1400) \$20 Tuition**

This is introductory course in computer programming introduces students to the fundamentals of programing.

- Design, write, and test code using mathematical concepts and algorithms
- Instruction and coursework done in the *Java* object-oriented programming language, and *Netbeans* integrated development environment
- Students will create powerful computer-based programs

**Career Focus:** Prepared for entry-level positions in computer programing and cyber security

**CTSO:** SkillsUSA

State Skills Certification

### **7735 CE COMPUTER PROGRAMMING 2 – 2<sup>nd</sup> SEMESTER (11/12)**

**Prerequisite:** *Computer Programming 1*

**College credit available through Weber State University (CS 1400) \$20 Tuition**

**CE Credit prerequisite or corequisite:** *Computer Science Principles (WSU CS 1030)*

An intermediate class that builds on the programing skills and knowledge that are established in Programming 1.

- Introduce students to more complex data structures in *Java*
- Create Java programs by implementing Graphical User Interfaces
- Learn industry standard object-oriented programming design and implementation

**Career Focus:** Prepared for entry-level positions in computer programing and cyber security

**CTSO:** SkillsUSA

State Skills Certification

### **7706 CE ADVANCED COMPUTER PROGRAMMING Full Year (11-12) Prerequisites: *Computer Programming 1 and Computer Programming 2***

**CE Credit prerequisites:** *Computer Science Principles (WSU CS 1030) and Computer Programming 2 (WSU CS 1400)*

**College credit available through Weber State University (CS 1410) \$20 Tuition**

An Advanced class that works on advanced data structures by integrating mathematical concepts and principals.

- Reinforce and build upon concepts and skills from Computer Programming 2
- Introduce students to more complex data structures
- Instruction and coursework done in the C++ programming language
- Implement industry design methods using Object Oriented Programming

**Career Focus:** Prepared for entry-level positions in computer programming and cyber security

**CTSO:** SkillsUSA

State Skills Certification

## **SKILLED & TECHNICAL**

### **7642 AUTO TECH 1\* - SEMESTER (10-12)**

**College Credit Available WSU (AUSV 1000) \$15 Tuition**

This is an entry-level course in automotive service. Through demonstrations, lectures, research and practical shop experiences this course is designed to introduce the student to a broad experience in the use of equipment, tools, materials, processes and techniques of automotive service and repair.

Student does not need a vehicle for this course Content is based on the ASE task list which includes:

- Safety
- Tools
- Tires and wheels
- Lifting and jacking
- Engine cooling and lubrication
- Basic electrical
- Basic engines

**Career Focus:** Prepares students for entry-level positions in automotive and small engine repair shops

**CTSO:** SkillsUSA

State Skills Certification

### **7644, 7648, 7650 CE AUTOMOTIVE TECHNIION 2\* - STEM Course YEAR**

**College Credit Available WSU (AUSV 1021, 1022) \$25 Tuition**

Preferred Prerequisite: Automotive 1.

This course is an intermediate level course that prepares students to in the servicing and maintenance of all types of automobiles. Instruction includes training in safety, the diagnosis of malfunctions and repair of steering and suspension systems. This course is based on the Automotive Service Excellence (ASE) task list. Work ethics, problem solving, and productivity are an integral part of the classroom and STEM lab activities.

- Ford certified training
- Brakes
- Ignition systems
- Suspension and basic engine theory
- Steering / Alignments based on ASE task lists
- OBD II scanning and diagnosis
- Shop may be up to 50% of grade. Math skills are required.

**Career Focus:** Prepares students for entry-level positions in car dealership maintenance shops

**CTSO:** SkillsUSA

State Skills Certification

### **7652, 7654, 7658 CE Advanced AUTOMOTIOVE TECH 3\* - STEM Course YEAR (Requires 2 Class Periods)**

**College Credit through WSU (AUSV 1120, 1320) \$30 Tuition**

This is an advanced-level course in Automotive Service, which deals with engines, Drive Train, and all other related components. Through demonstrations, lectures, research and practical experiences dealing with engines. This course is designed to assist students in broadening their experience using equipment, tools, materials, thought processes and techniques in inspecting, diagnosing, and servicing automobiles.

This is a continuation of Auto Tech 2. This course Includes diagnosis of major automotive components including:

- Ford Factory Training
- Engines (repair and overhaul)
- Drive train repair and diagnosis or components
- electrical testing, connections, repair, and replacement
- advanced engine performance (OBDII)
- troubleshooting on both shop cars and live vehicles (critical thinking)

**Career Focus:** Prepares students for mechanic level positions in car dealership maintenance shops

**CTSO:** SkillsUSA

MLR Level Final

## **7660 PRIVATE PILOT GROUND SCHOOL\* - SEMESTER (10-12) (Magnet Course)**

**Prerequisite:** *Must be at least 16 years of age, or turn 16 during the course*

Taught in partnership with Cornerstone Aviation by an FAA certified instructor.

The Private Pilot ground school will give students the knowledge to take and pass the FAA written exam and prepare them for flight. Some of the areas of study will include aircraft operations, airplane control, surfaces and systems, navigation, weather, and aeromedical flight planning and transportation. Students will also study human factors and safety: how humans interact with machines and their environment. Students will track aviation history from Greek mythology to the Wright Brothers to the present.

- Prepare the student for the FAA private pilot written examination.
- Pilot operations necessary to safely and accurately operate an aircraft under visual flight rules within the national airspace system.
- Principles of flight
- Flight environment
- Performance and systems
- Meteorology and weather data
- Basic navigation
- Aviation physiology
- Flight planning and decision-making

**Requirements:** *Additional flight training, course fees, and testing fees required.*

**Graduation Requirement:** CTE

## **7670 CE WOODWORKING – SEMESTER (10-12)**

**College Credit Available SLCC (CMGT 1200) \$10 Tuition**

The first instructional course in a sequence that prepares individuals to apply technical knowledge and skills to lay out and shape stock, assemble projects, saw and sand projects, and the course stresses the safe use a variety of hand and power tools and machinery. Each student will construct projects that they will take home. Career Focus: Prepare for immediate employment, certifications and further education.

**Career Focus:** Prepares students for entry-level positions in wood production and cabinetry

**CTSO:** TSA

State Skills Certification

## **7672 CE FURNITURE & DESIGN - YEAR (11-12)**

**College Credit Available SLCC (CMGT1220) \$20 Tuition**

**Prerequisite:** Woodworking

The second instructional course in a sequence that prepares individuals to apply technical knowledge and skills to prepare and execute furniture design projects; assemble and finish furniture articles; repair furniture; and stresses the safe use a variety of hand and power tools and machinery. Build personal projects to take home. Learn about and build different types of furniture.

**Career Focus:** Prepare for immediate employment, certifications and further education.

**CTSO:** TSA

State Skills Certification

## **7825 MANUFACTURING PRINCIPLES 1 – SEMESTER (11/12) (Course will be integrated with Composites 1)**

**College Credit Available DATC**

**Required class for students applying to the Utah Aerospace Pathway Program Externship or Certification or Medical Innovations Pathway**

Learn manufacturing principles, product development, precision measurement, quality management, interaction of process selection, strength optimization, cost, and other considerations to the manufacturing process.

**Career Focus:** Prepare for immediate employment, certifications and further education.

**CTSO:** TSA

State Skills Certification

## **7866 COMPOSITES 1 – SEMESTER (11/12) (Course will be integrated with Manufacturing Principals 1)**

**Prerequisite:** MANUFACTURING PRINCIPLES 1

**College Credit Available DATC**

**Required class for students applying to the Utah Aerospace Pathway Program Externship or Certification or Medical Innovations Pathway**

This course focuses on properties of manufacturing principles, fiberglass reinforced plastics (FRP), and advanced composites (generally carbon-fiber parts for the aerospace industry). This course will use technical knowledge and skills to plan and manufacture projects using composite materials. Class and personal projects will be manufactured and taken home.

- Will gain understanding of basic composites

- Safe use of equipment and tools
- Blueprint reading
- Precision measuring and mathematics,
- Hand and power tools used in the composites industry
- Process and procedures of fabrication.

**Career Focus:** Prepare for immediate employment, certifications and further education.

**CTSO:** TSA

State Skills Certification

### **7667 WELDING TECH – ENTRY – YEAR (10-12)**

Students will learn basic welding skills that will prepare them to apply technical knowledge and skill in the workplace and in project construction. Students will learn and practice knowledge, attitude, skills, and habits required for performing tasks autonomously, including the selection and use of appropriate techniques and equipment. Basic welding skills, including, GMAW, SMAW, Oxy-Acetylene, Proper safety habits, Blueprint and design, Welding symbols, Basic math.

**Career Focus:** Prepare for immediate employment in entry level positions welding and machine shops

**CTSO:** TSA

State Skills Certification

### **7668 CE WELDING TECH – INTERMEDIATE – YEAR (11-12)**

**Prerequisite:** WELDING TECH – ENTRY

**College Credit Available WSU (MFET 2153) \$5 Tuition**

This is an intermediate level course that will teach the next level of welding skills. This course will prepare students to apply technical knowledge and skill in the workplace and in project construction. In this course, students will learn, and practice knowledge, attitude, skills, and habits required for performing tasks autonomously, including the selection and use of appropriate techniques and equipment. Skills learned include, Industrial welding processes, Industrial equipment selection, Industrial design criteria, plasma cutting, project construction, FCAW, and, GTAW .

**Career Focus:** Prepare for immediate employment in entry level positions welding and machine shops

**CTSO:** TSA

State Skills Certification

### **7693 GRAPHIC DESIGN 1: 3D GRAPHIC \* - SEMESTER (10-12) (Can be 0.5 Fine Art Credits)**

This course is designed to provide students with the basic knowledge and skills related to the graphic design industry. It is intended to serve as a starting point for several pathways including Digital Media, Graphics and Printing, 3D Animation and Game Development. This includes instruction and hands-on assignments in the following areas:

- Creative design and layout
- Typography
- Color
- Software
- Computer and professional skills

**Career Focus:** Prepare for entry level employment in graphic design

State Skills Certification

### **7694 GRAPHIC DESIGN 2: ADVERTISING DESIGN \* - SEMESTER (10-12) (Can be 0.5 Fine Arts Credit)**

**Prerequisite:** *Graphic Design 1: Intro to Design*

Building on the foundations of Graphic Design 1 and exploring different ways to expand an identity and design conceptually, students will design and illustrate:

- Posters
- Signage
- Collateral and more

**Career Focus:** Prepare for entry level employment in graphic design

State Skills Certification

### **7695 GRAPHIC DESIGN 3: INDUSTRIAL DESIGN – YEAR (11/12)**

**Prerequisite:** *Graphic Design 1: Intro to Design & Graphic Design 2: Advertising Design*

This course builds on the foundations of Graphic Design 1 & 2. This course is for students who are serious about Graphic Design as a career. Students will be expected to:

- Develop a portfolio for college programs or employment
- Work with actual clients
- Work on projects for the school

- Build a website

**Career Focus:** Prepare for entry level employment in graphic design

State Skills Certification

## **TECHNOLOGY AND ENGINEERING**

### **7840 BIOMANUFACTURING 1 – SEMESTER (10-12)**

Student will learn entry-level skills required for employment in the medical devices manufacturing and biomedical industries.

- Manufacturing skills
- Clean room procedures
- Material, supply, and equipment preparation
- Sample collection and preparation
- Data analysis
- FDA regulations
- Medical device life cycle

**Career Focus:** Entry level employment or internships through the medical innovations pathway in the Medical Device Industry

**CTSO:** HOSA

State Skills Certification

### **7888 CE INTRODUCTION TO ENGINEERING DESIGN - YEAR (10-12) (Can be 1.0 Science Credits)**

**College Credit Available WSU (PDDC 1010) \$20 Tuition**

This foundational course, students are taught to understand and apply the design process, create sketches, use computer software to design models, understand mass property calculations and parametric modeling, understand cost analysis, quality control, staffing needs, packing and product marketing, explore career opportunities in design engineering and understand what skills and education these jobs require, and develop portfolios to display their designs and present them properly to peers, instructors and professionals.

- **Technical Sketching and Drawings**
- **CAD Computer Modeling**
- **Engineering Design Process**

**Career Focus:** Entry level employment or internships through the medical innovations pathway in the Medical Device Industry

**CTSO:** HOSA or TSA

State Skills Certification

### **7890 CE PRINCIPLES OF ENGINEERING – YEAR (11/12) (Can be 1.0 Science Credits)**

**Prerequisite:** *CE Introduction to Engineering Design and Secondary Math II*

**College Credit Available WSU) (ENG 1000) \$10 tuition**

Principles of Engineering is an introduction to of some of the major concepts that students will encounter in a postsecondary engineering course of study. Students have an opportunity to investigate engineering and high-tech careers. Students will have the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based learning. Topics that students will be engaged in include:

- **Machine Systems**
- **Energy and Power**
- **Machine Control/Robotics**
- **Statics and Kinematics**

**Career Focus:** Entry level employment or internships through the Utah Aerospace Pathways

**CTSO:** TSA

State Skills Certification

### **7835 Aerospace Engineering– YEAR (11/12)**

Aerospace Engineering propels students' learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles.

**Career Focus:** Entry level employment or internships through the Utah Aerospace Pathways

**CTSO:** TSA

State Skills Certification

### **8049 AM STEM Automation - YEAR (10-12) (Meets at 6:30 AM Monday, Wednesday, Thursday, Friday)**

Prepares students with the ability to apply basic engineering principles and technical skills in support of engineers and other professionals engaged in developing, installing, calibrating, modifying and maintaining automated systems. Students will receive instruction on:

- Computer systems
- Electronics and Instrumentation
- Programmable Logic Controllers (PLCs)



- Electrical, Hydraulic and Pneumatic control systems
- Actuator and Sensor systems
- Process Control
- Robotics applications to specific industrial tasks

**Career Focus:** Entry level positions working with robotics and automation and taking additional courses through Davis Technical College.

**CTSO:** TSA

State Skills Certification

# DIGITAL STUDIES

*Graduation Requirement 0.50 Credits*

*\*Fee required*

**One of the following courses meets the requirement for graduation:**

## **7530 CE BUSINESS OFFICE SPECIALIST - SEMESTER (10-12) (Can be 0.5 Digital Studies Credit)**

**College Credit Available WSU (WEB 1700) \$15 Tuition**

This course prepares students for immediate employment in multiple office settings. Students will learn how the Microsoft Suite allow businesses to complete day to day activities. Industry certification that demonstrate employable skills are available.

- Course applies advanced concepts and principles using word processing, spreadsheets, databases, and electronic presentation software.
- This is not an introductory course. Must have foundational knowledge of Microsoft Office.
- Discover connections with technology and apply skills to other classes.

**Career Focus:** Careers requiring Microsoft Certification

**CTSO Recommendation:** DECA

State Skills Certification

## **7740 CE COMPUTER SCIENCE PRINCIPLES – SEMESTER (10-12) (Can be used as 3<sup>rd</sup> 1.0 Science Credits or Digital Studies Credit)**

**College credit available through Weber State University (CS 1030) \$20 Tuition**

This course is a broad based, college level, course that looks at the larger picture of computer science. Students that take this course are exposed to multiple parts of computer science that go beyond programing.

- Explore a wide variety of topics relevant to the fields of computer science and software engineering
- Consider the societal impacts of computing and information technology
- Design and code web pages using *Hypertext Markup Language (HTML)* and *Cascading Style Sheets (CSS)*
- Create databases and retrieve data using *Structured Query Language (SQL)*
- Solve problems by creating algorithms and write software applications in *JavaScript* code

**Career Focus:** Prepared for entry-level positions in multiple computer science fields

**CTSO:** SkillsUSA

State Skills Certification

## **7734 CE COMPUTER PROGRAMMING 1 – 1st SEMESTER (11/12) (Can be used as 0.5 Digital Studies)**

**Prerequisite:** CE Computer Science Principles for (CS1030)

**College credit available through Weber State University (CS 1400) \$20 Tuition**

This is introductory course in computer programming introduces students to the fundamentals of programing.

- Design, write, and test code using mathematical concepts and algorithms
- Instruction and coursework done in the *Java* object-oriented programming language, and *Netbeans* integrated development environment
- Students will create powerful computer-based programs

**Career Focus:** Prepared for entry-level positions in computer programing and cyber security

**CTSO:** SkillsUSA

State Skills Certification

## **7735 CE COMPUTER PROGRAMMING 2 – 2nd SEMESTER (11/12)**

**Prerequisite:** Computer Programming 1

**College credit available through Weber State University (CS 1400) \$20 Tuition**

**CE Credit prerequisite or corequisite:** Computer Science Principles (WSU CS 1030)

An intermediate class that builds on the programing skills and knowledge that are established in Programming 1.

- Introduce students to more complex data structures in *Java*
- Create Java programs by implementing Graphical User Interfaces

- Learn industry standard object-oriented programming design and implementation

**Career Focus:** Prepared for entry-level positions in computer programming and cyber security

**CTSO:** SkillsUSA

State Skills Certification

### **7795 CE WEB DEVELOPMENT 1- SEMESTER (11/12) (Can be used as 0.5 Digital Studies Credit)**

**College Credit Available WSU (WEB 1400) \$15 Tuition**

Web Development 1 is a course designed to guide students in a project-based environment, in the development of up-to-date concepts and skills that are used in the development of today's websites. Students will learn the fundamentals of how the internet works.

- Acquire skills to produce, edit, publish, and maintain a website on the Internet using HTML and Adobe Dreamweaver CS6
- Demonstrate a knowledge of the Internet and its tools using email, search engines and browsers
- Identify elements of good web page design

**Career Focus:** Prepared for further education.

**CTSO:** Skills USA

State Skills Certification

# FINE ARTS

*Graduation Requirement 1.50 Credits*

*\*Fee required (Visual Arts & Performing Arts)*

## VISUAL ARTS

### **2110 DRAWING\* -SEMESTER**

This course explores drawing skills and the elements and principles of design.

### **2120 SCULPTURE 1\* -Semester**

Working primarily in clay, students will study the human figure.

**Prerequisites:** Drawing

### **2112 CERAMICS 1\*-Hand-Building -SEMESTER**

This is a beginning ceramics class covering hand-building techniques, firing and glazing. Students will make clay art and functional pottery forms.

### **2113 CERAMICS 2\* -Wheel-Throwing -SEMESTER**

Wheel-throwing and further exploration of advanced hand-building techniques will be taught. Participation in school, district, and state art shows is encouraged.

**Prerequisites:** Ceramics 1 or Sculpture

### **2114 CERAMICS 3\*-SEMESTER TEACHER PERMISSION REQUIRED**

The exploration of clay as an art form, alternative firing and finishing techniques, glaze calculation, kiln firing, and clay preparation will be taught.

**Prerequisites:** Ceramics 2

### **2118 3-D DESIGN 1 \*- SEMESTER**

This class explores the design aspect of sculpture with a stress on the elements and principles of design. Art media may include: clay (sculpting), book arts (book making), wire, and various types of paper. **Prerequisites:** Drawing

### **2119 3-D DESIGN 2\* - SEMESTER**

Student will further the skills acquired in 3-D Design 1.

**Prerequisites:** Drawing and 3-D Design 1

### **2107 PAINTING 1\* (Oil Paint) – SEMESTER**

**Prerequisites:** Drawing

This class is designed as an introduction to oil painting. We will discuss composition and color theory in every painting. We will work toward making original works of art. My goal is to get the students to master as much of the medium as possible in one semester.

### **2108 PAINTING 2\* (Watercolor) – 2<sup>nd</sup> SEMESTER**

**Prerequisites:** Painting 1

In Watercolor we will learn the elements and principles of composition and design as they pertain to a painting. We will discuss different surfaces to paint on and how they affect watercolor painting processes.

### **2116 JEWELRY 1\* - SEMESTER (11/12)**

This class is intended to connect works of art with culture and the jewelry that was made throughout art history. We will cover the basic methods of soldering, casting (lost wax method), over all manipulation of precious and semi-precious metals. There will be a strict element to lab safety as we will be working with torches, power tools, and other hand tools.

### **2130 CE 1030 STUDIO ART 1 \* - SEMESTER**

This course explores the fundamentals of art, technique, and design and composition with a variety of two-dimensional media.

### **2131 CE ART 1110 DRAWING**

This course explores the fundamentals of art, technique, and design and composition with a variety of two-dimensional media.

### **2128 AP STUDIO ART**

AP Studio Art is a full year class and a completed portfolio is required near the end of the year. After passing the AP portfolio you will receive college credit. The portfolio is 24 AP quality works.

### **2132 CE ART HISTORY 1010 - 2<sup>ND</sup> SEMESTER (11/12)**

#### **College Credit Available WSU (ART 1010) \$20**

Art History 1010 is held in conjunction with AP Art History.

◊Art history from around the world with an emphasis on Western Art History...i.e. Greece, Rome, the Renaissance, etc.

◊exploration in art media (drawing, painting, and sculpture) ◊Completion of an electronic portfolio is required.

**While it is possible to take only Art 1010, it is recommended that students enroll and complete the first semester of AP Art History before enrolling in Art 1010.**

### **7693 GRAPHIC DESIGN 1: INTRO TO DESIGN \* - SEMESTER**

An introduction to Graphic Design and its applicable elements and principles of design. Students learn skills in visual communication through an introduction to Adobe Photoshop, Adobe Illustrator, and Adobe InDesign.

**Prerequisites:** Drawing

CTE or Art Credit Possible

### **7694 GRAPHIC DESIGN 2: ADVERTISING DESIGN \* - SEMESTER**

Building on the foundations of Graphic Design 1 and exploring different ways to expand an identity and design conceptually, students will design and illustrate posters, signage, collateral, and more.

**Prerequisites:** Design Graphics 1: Intro To Design

CTE or Art Credit Possible

### **7695 GRAPHIC DESIGN 3: INDUSTRIAL DESIGN \* - YEAR (11/12)**

Building on the foundations of Graphic Design 1 & 2 students who are serious about Graphic Design as a career will develop a portfolio to prepare for college programs or employment. Students will have the opportunity to work with actual clients, work on projects for the school, prepare and complete a portfolio and website.

**Prerequisites:** Graphic Design 1 & Graphic Design 2

CTE or Art Credit Possible

### **4365 YEARBOOK I \* - YEAR**

This class is in charge of researching, designing, and producing the entire yearbook - photography, writing, layout design, proofing, theme development, and deadline management. Like any publishing business students are held accountable for the time spent working on the yearbook.

This class is an elective credit and is a yearlong class. ***Students seeking admission must submit an application, go through an interview process, and be approved.***

### **4670 YEARBOOK II\* YEAR**

This class is in charge of researching, designing, and producing the entire yearbook - photography, writing, layout design, proofing, theme development, and deadline management. Like any publishing business students are held accountable for the time spent working on the yearbook.

This class is an elective credit and is a yearlong class. ***Students seeking admission must submit an application, go through an interview process, and be approved.***

## **PERFORMING ARTS DANCE**

### **2601 BEGINNING DANCE 1A - Semester**

This course provides experience in modern dance technique and the development of such things as physical strength, flexibility, endurance, and coordination. Students will expand their dance vocabulary and skills, and develop their creative abilities through improvisation, choreography and performance in large and small groups. **Fine Art Credit Possible**

### **1280 CE DANCE - Semester**

This course provides experience in modern dance technique and the development of such things as physical strength, flexibility, endurance and coordination. Students will expand their dance vocabulary and skills, and develop their creative abilities through improvisation, choreography and performance. Students will also be exposed to the history of dance and its cultural origins. The focus will be on composition in small group units and performance in spring dance concert. \*Credit through Weber State. Application fee required and a small credit fee is also required.

**Fine Art Credit Possible**

### **2606 DANCE COMPANY – Year (11/12)**

Advanced class geared toward the performing experience and in-depth study of choreography composition and rhythm is attained at this level.

**Prerequisites:** Audition Required

**Fine Art Credit Possible**

## **PERFORMING ARTS MUSIC**

### **2304 BEGINNING CHOIR S/A-Ladies Ensemble - YEAR**

Fundamentals of music and singing will be stressed. Sophomore ladies should register for this class. All ladies welcome but designed especially with the 10th grade in mind. Minimum of 4 required concerts during the year. **Instrumentalists Welcome.**

### **2305 BEGINNING CHOIR T/B-Barbershop - YEAR**

Open to all boys. Emphasis on three- and four-part men's literature while learning music fundamentals. Sophomores and students without former chorus experience should register. Experienced singers also welcome. Minimum of 4 required concerts during the year. **Instrumentalists Welcome.**

### **2314 SHOW CHOIR ADVANCED CONCERT CHORUS – YEAR (11/12)**

This choir will represent the school in Region Music Festivals, etc. Extensive public performances. A minimum of one-year choir experience in high school recommended. Two years' experience recommended for seniors. Costume required. Membership in Intermediate Chorus is a definite aid in preparing for this class. Instrumentalists Welcome.

**Teacher Approval and Audition Required**

### **2315 MADRIGALS - YEAR**

Performing select ensemble. Students must commit to extensive after school performances. **Madrigals is an extension of the Concert Choir, and all Madrigal members should expect to be enrolled in Concert Choir as well.** Costume required.

**Teacher Approval and Audition Required**

## **PERFORMING ARTS BAND**

### **2228 SYMPHONIC BAND - YEAR**

This band is **NOT auditioned** and is for developing younger students (mostly sophomores) or for those less serious musicians who still enjoy playing their instrument. This band has a limited number of outside performances, festivals or concerts. Members of this band are also members of the pep band.

**Concert Dress is required**

### **2224 PERCUSSION ENSEMBLE -YEAR**

Percussionists must have three years of experience playing percussion instruments (or equivalent) to be in this class. Percussionists will play in a drum-line, percussion ensemble, and with Symphonic Band and/ or Wind Ensemble. Percussion starts in the summer where the students will play in a drum-line which includes snare drum, tenor drums, bass drums, and cymbals. While it is not required for students to audition to be in the percussion class, students will audition for which drum-line instrument they will play. Students work in a levels system developing independently and individually on the snare drum, mallet instruments, timpani, and auxiliary instruments and drum-set. This group has many performance opportunities including concerts, multiple festivals, and our annual trip.

**Concert Dress is required**

**Teacher Approval Required**

### **2227 WIND ENSEMBLE - YEAR**

Wind Ensemble is the most advanced band at WXHS. Musicians are chosen by audition. This group has many performance opportunities including concerts, multiple festivals, and our annual trip. Members of this band are also members of the pep band.

**Concert Dress is required.**

**Teacher Approval and Audition Required**

### **2250 Adv Music Study/JAZZ LAB - YEAR**

This class is for students who are interested in playing music in a jazz style and who want to develop their solo improvisation skills. This class is also for those interested in preparing for auditioning for Jazz Band. Students must be in a regular band or orchestra class to be in this class. There are exceptions to this rule. See the instructor.

**Teacher Approval Required**

### **2225 JAZZ BAND - YEAR**

This band is for advanced students chosen by audition. Instruments include: saxophone, trumpet, trombone, piano, bass, drums and guitar. Students must be in a regular band or orchestra class to be in this group. There are exceptions to this rule. See the instructor.

This group has many performance opportunities including concerts, multiple festivals, and our annual trip.

**Concert Dress is required.**

**Teacher Approval and Audition Required**

### **2409 CHAMBER ORCHESTRA – YEAR**

Refinement of choral skills, higher level thinking skills, and aesthetic judgment. Emphasis: ensemble performance, musical styles, historical period's choral literature, chamber music and creative development

### **2410 CONCERT ORCHESTRA - YEAR**

Designed for string instrumentalists who have completed junior high orchestra courses or the equivalent. Students will receive training in fundamental and advanced string technique. Some extracurricular rehearsals are required, in addition to performances at all concerts and region/state festivals.

**Concert dress is required**

3 years Orchestra in Jr. High or Instructor Approval Required

### **2322 CE INTRO TO MUSIC - Semester (11/12)**

**College Credit Available WSU (Music 1010) \$15 Tuition**

This class explores music in all its many varieties in a relaxed, non-stressful atmosphere. The study of music will be historically based, beginning with the Renaissance and ending with Rock music of the 60s and 70s.

### **2321 AP MUSIC THEORY -YEAR**

AP Music Theory is a college level course for (vocal and/or instrumental) student musicians who are proficient both technically and musically. Students must also be well acquainted with scales, key signatures and rhythm. Students will prepare for the AP Music Theory Exam.

**Teacher Approval Recommended**

## **PERFORMING ARTS THEATER**

### **2504 THEATER 3/BEGINNING THEATER\* - SEMESTER**

This course provides the student with solid acting techniques through a variety of fun projects including theater exercises, improvisations, skits, etc. Emphasis in basic acting technique. Students will develop skill and ease in expressing themselves before the public.

### **2505 THEATER 4/INTERMEDIATE THEATER\* - SEMESTER**

This course is designed for various theater department projects. The projects are subject to change on a yearly basis. Some of these projects could include: Senior Project, School Play, Musical Theater Leads, Children's Theater, etc.

**Teacher Approval and Audition Required**

### **2510 CE THEATER CA 1013\* - SEMESTER (11/12)**

**College Credit Available WSU (Theater 1013) – \$15 Tuition**

An introduction to live theater and the creative heritage of the theater. Students will be reading and evaluating historical and contemporary drama and will apply knowledge through creative activities and quizzes. Students are expected to attend theater performances outside of regularly scheduled class time. **This is not an acting class.**

### **2508 MUSICAL THEATER\* - YEAR**

Performance group for the musical-review dinner theater and main school musical. Emphasis will be on movement, voice, dance, and interpretation. This class will study different musical styles.

**Teacher Approval and Audition Required**

### **2514 STAGE CRAFT**

This course teaches the introductory principles of technical theatre skills including set building and painting techniques, lighting, and run crew. Students in this class need to have their own transportation and be available for rehearsals at 6:00 a.m. and between 2:30 and 5:00 pm when needed.

Working assemblies (requiring early morning rehearsals) and at least one show (requiring evening rehearsals and performances) is mandatory. This class is open to any students who are self-starters, responsible and able to work independently.

### **2515 SET DESIGN**

This course is designed to cover the basics of set, costume, makeup, prop and lighting design. Students will design and build for school productions. Class will include demonstrations by area designers. Assignments will be more academically oriented, and include research, homework, and outside design work. As part of the course, students will be expected to attend some rehearsals after school and in the evenings for design completion and implementation. This course is focused on students who are interested in possible careers in technical theatre. Students must have teacher approval to enroll.

### **2125 FILM MAKING HISTORY**

Introduction to film will be a semester course which will cover the history of filmmaking from silent films to the present. It will not be a film making course, and there will be no performing required. Films will be discussed and then viewed as part of the class. Written assignments and test will accompany each decade of study. Each student will pick a film to do a semester project on.

### **IMPACT TEAM\* - YEAR**

Students who are selected to be on the impact team will be taught improvisation techniques as well as lessons on substance abuse, dealing with depression and other life challenges. Through role-playing of personal, peer and family problems, students become aware of and examine issues which impact them. The impact team is an audition class and performs at elementary and secondary schools as well as community functions.

**Teacher Approval and Audition Required**

## **FINANCIAL LITERACY**

*Graduation Requirement 0.50 Credits*

*\*Fee required*

### **7075 FINANCIAL LITERACY - SEMESTER**

Course focuses on teaching students financial skills and understanding as they move into adulthood. Topics include income and money management, spending and credit, savings and investments, consumer protection, and risk management.

### **7452 CE ADULT ROLES & FINANCIAL LITERACY**

## **DRIVERS EDUCATION**

### **1100 DRIVER ED/CAREER PLANNING - SEMESTER**

Students are required to have their Learner Permit and start driving before they begin class.

Students are prepared to obtain a Utah State Driver's License through classroom, driving range and on-road experiences. A unit on the harmful effects of drugs and alcohol is taught. A unit on career exploration is taught in cooperation with the Counseling/career center.

**Other:** Fall Registration for students' whose 16th birthday falls before March 1<sup>st</sup>. Spring Registration for students whose 16<sup>th</sup> birthday falls between March 1st and August 31<sup>st</sup>. **Summer Driver Ed. is offered the last two weeks of June and July each year.**

## **HEALTH EDUCATION**

*Graduation Requirement 0.50 Credits*

*\*Fee required*

### **1010 HEALTH EDUCATION 2 - SEMESTER**

This semester course will facilitate the development of the knowledge, attitudes and skills needed to promote a healthy lifestyle and reduce behaviors that put ones physical, mental, and emotional health at risk. Utah State Core Objectives will be met in the following areas: decision making, goal setting, stress management, emotions, nutrition and fitness, substance abuse prevention, pregnancy/HIV/STI prevention, and prevention of intended and unintended injuries.

**Graduation Requirement: Health**

### **7308 INTRODUCTION TO HEALTH SCIENCE\* - YEAR (10/11)**

Build body parts with clay

Disease and career research/presentations

Learn how to keep your body healthy

**Career Focus:**

Prepares you for MAP, Sports Medicine, EMR courses

**Graduation Requirement: 0.5 Health & 0.5 Career & Technical**

# PHYSICAL EDUCATION

*Graduation Requirement P.E. 1.00 Credits*

*Graduation Requirement Fit for Life 0.50 Credits*

*\*Fee required*

**2601 DANCE 1A - SEMESTER**

This course provides experience in modern dance technique and the development of such things as physical strength, flexibility, endurance, and coordination. Students will expand their dance vocabulary and skills, and develop their creative abilities through improvisation, choreography and performance in large and small groups. **Fine Art Credit Possible**

**2603 DANCE 2/CE DANCE - SEMESTER**

This course provides experience in modern dance technique and the development of such things as physical strength, flexibility, endurance and coordination. Students will expand their dance vocabulary and skills, and develop their creative abilities through improvisation, choreography and performance. Students will also be exposed to the history of dance and its cultural origins. The focus will be on composition in small group units and performance in spring dance concert.

**Fine Art Credit Possible**

**2606 DANCE COMPANY – YEAR (11/12)**

Advanced class geared toward the performing experience and in-depth study of choreography composition and rhythm is attained at this level.

**Prerequisites:** Audition Required

**Fine Art Credit Possible**

**1141 SOCIAL DANCE – SEMESTER (11/12) INDEPENDENT LIFETIME ACTIVITIES****1050 BODY CONDITIONING - SEMESTER**

This course will emphasize overall training of the musculoskeletal/cardiovascular systems. Students will learn functions and lifts that serve each muscle group and will set personal and attainable goals. Olympic and powerlifting methods will be introduced and performed at the beginning level. Circuit and plyometric training for muscular enhancement, strength, and agility will also be introduced in this course. Abdominal and core strength will also be emphasized for overall body structure and posture training.

**1275 DRILL TEAM – YEAR**

Students enrolling in this class will be admitted from the results of the spring tryouts.

**1025 GET FIT - SEMESTER (Fills Fit for Life Credit)**

This course is designed for individuals who want to improve their level of physical fitness. Students will learn about healthy weight-loss strategies, nutrition, body fat ratio, goal setting, and target heart-rate zones for exercise. Activities will include: cardiovascular fitness, low impact weight training, strength and circuit training exercises.

**Graduation Requirement: Physical Education (Fit for Life)**

**1030 FITNESS FOR LIFE - SEMESTER**

This course helps each student adopt a lifestyle that will achieve physical fitness. Students will identify and understand all of the components of fitness, such as cardiovascular fitness, strength, flexibility, endurance, weight control, nutrition, and stress management. Emphasis will be on aerobic conditioning and fitness testing. This course will also entail participating in various team sports.

**Graduation Requirement: Physical Education**

**1040 LIFETIME ACTIVITIES - SEMESTER**

Students will acquire skills in a variety of lifetime activities that contribute to sustain fitness and well-being. These skills and activities offer positive ways to cope with stress and contribute to the quality of life, not only as a student but as a future adult. The students will demonstrate advanced skills, strategies, and knowledge of the rules of a minimum of five lifetime activities.

**1040 BASKETBALL SKILLS CLASS LIFETIME ACTIVITIES- SEMESTER**

Fundamentals of Basketball is a class designed for any student who is interested in learning the fundamentals of basketball including shooting, ball handling, passing, etc. Students will play in 1 on 1, 3 on 3, and 5 on 5 competitions throughout the semester with daily participation being a must. End of season tournaments will enhance the competition and make the class a must for students who love basketball. This semester elective is not just for boys and girls on the basketball team, it is for anyone who is willing to work hard to get better at basketball.

### **1052 TEAM CONDITIONING –SEMESTER/YEAR**

For members of athletic teams to improve their physical condition for **Baseball, Basketball, Cross-Country, Sophomores & Juniors and Seniors) Football, Softball, Swimming, Track and Wrestling.**

The content of this course will include strength training, speed work, cardiovascular fitness, nutrition, flexibility and stress management.

### **1053 ADVANCED TEAM CONDITIONING -SEMESTER/YEAR**

For all juniors and seniors in their respective sport conditioning classes.

### **1060 YOGA - SEMESTER**

Hatha Yoga will be the focus of this class. Concentration on postures, breathing, relaxation, stretching and meditation. Improvement of muscular strength and flexibility while reducing tension and stress.

### **221 CHEERLEADERS – YEAR**

Students enrolling in this class will be selected based on tryouts. Specific requirements must be met. Cheerleading is open to boys and girls.

**(Elective Credit Not P.E. Credit)**

# FOREIGN LANGUAGES

## AMERICAN SIGN LANGUAGE

### **3510 AMERICAN SIGN LANGUAGE 1 –YEAR**

Introduction to the language and culture of the Deaf Emphasis on communication in regard to expressive and receptive skills Basic components of the language including vocabulary, fingerspelling, and grammar Introduction to Deaf Culture and history. No knowledge of ASL required; however, class is conducted in ASL

Prepares for: ASL 1010

### **3520/3581 ASL 2/CE AMERICAN SIGN LANGUAGE 1010 - YEAR**

**College Credit available WSU (ASL 1010) \$15 tuition**

Further development of language components learned in ASL 1010 Expansion of vocabulary and grammatical structure. Further understanding of cultural issues relating to the Deaf Class is conducted in ASL

Prepares for: American Sign Language 1020

Prerequisite: ASL 1

## FRENCH

### **3210 FRENCH I –YEAR**

French I is an introduction to the French-speaking world, its language and its people. The main emphasis is on oral skills while beginning to develop reading and writing skills. The student will be guided in recognizing the interrelationships of languages and will develop a cultural appreciation of the Francophone world. The goal of this course is to produce speakers with a novice-mid proficiency.

### **3220/3226 FRENCH II/CE FRENCH 1010 –YEAR**

**College Credit available WSU (French 1010) \$15 tuition**

French II continues to develop the oral skills with added emphasis on reading and writing skills. Expansion of vocabulary and grammatical structures continues. Contrast between English and French strengthens the language-learning process. Culturally related activities of selected French-speaking countries or regions will be explored. The goal of this course is to produce speakers with intermediate-low proficiency.

### **3230/3236 FRENCH III/CE FRENCH 1020 –YEAR**

**College Credit available WSU (French 1020) \$15 tuition**

French III is an expansion of French II. It is designed to provide opportunities for the students beyond those available in the French II Class—in listening, speaking, reading and writing. It stresses the development of the student from low intermediate proficiency and aims to help the student move into the intermediate-mid range of proficiency. The course includes cultural reading passages; it expands the use of grammatical constructions and vocabulary and begins the development of expository composition. Culturally related activities of selected regions or countries will be explored.

### **3240/3283 FRENCH IV/CE FRENCH 2010 - YEAR**

An advanced course includes more difficult grammar and structure; verb forms include future, conditional, and subjunctive tenses. Emphasis on speaking and writing, and on increased vocabulary. French spoken in class.



## **3286 CE 3116 FRENCH BRIDGE (10)**

For those students who have passed the AP French Test.

## **SPANISH**

### **3110 SPANISH 1 YEAR (10,11)**

Introduction to Spanish for those students wanting to learn a new language from the beginning.

### **3120 SPANISH II –YEAR/CE SPANISH 1010**

Spanish II continues to develop the oral skills with added emphasis on reading and writing skills. Expansion of vocabulary and grammatical structures continues. Contrast between English and Spanish strengthens the language-learning process. Culturally related activities of selected Spanish-speaking countries or regions will be explored. The goal of this course is to produce speakers with intermediate-low proficiency.

### **3182 SPANISH III – YEAR/CE SPANISH 1020**

Spanish III is an expansion of Spanish II. It is designed to provide opportunities for the students beyond those available in the Spanish II Class—in listening, speaking, reading and writing. It stresses the development of the student from low intermediate proficiency, and aims to help the student move into the intermediate-mid range of proficiency. The course includes cultural reading passages; it expands the use of grammatical constructions and vocabulary and begins the development of expository composition. Culturally related activities of selected regions or countries will be explored.

### **3183 SPANISH IV – YEAR/CE SPANISH 2010**

Students will be able to communicate using complex grammar structures and discuss a variety of topics. Current events and world issues will also be introduced. Students enrolled in AP Spanish will be prepared for the AP exam in May. Class taught in Spanish. College credit available.

# **ELECTIVES**

*Graduation Requirement: 8.50 Credits*

*\*Fee required*

## **ESL**

### **402 ESL STUDY SKILLS CLASS - YEAR**

This class is to support those students who are English Language Learners.

### **4215 READ 180 (9-12)**

This course is designed specifically to increase reading proficiency and prepare students to meet future demands in reading.

## **LEADERSHIP/INTERNSHIPS**

### **INTERNSHIP-CRITICAL WORK SKILLS\*- SEMESTER (12)**

(A-days two periods 2/3 or 3/4)

On-Campus Fridays, Off-Campus Two Days Per Week)

Students serve in an internship 14 weeks observing and participating with a professional in their chosen career pathway. Critical job skill education prepares them for an increasingly competitive job market. This experience gives students a real-life view of the world of work. Back to back classes are required: 2/3, 3/4. Transportation is the student's responsibility. Application required before registration takes place.

**Prerequisites: Work Based Learning Coordinator approval prior to registering.**

### **214 LATINOS IN ACTION - YEAR**

This is a peer leadership class in which the students go to an elementary school to tutor.

### **215 LIBRARY MEDIA SKILLS – SEMESTER**

This course will help students develop library research skills. Students will learn to find information from both print and electronic sources. Students will use Boolean and Natural Language in search engine inquiries and evaluate the returned sources for integrity. Copyright and Fair Use laws will be discussed.

### **213 PEER TUTOR - SEMESTER**

\*Help students with disabilities with their academic goals.

\*Assist students with their learning in general education classes

\*Improve your own communication skills

**Career Focus:** Prepare for immediate employment and further education

## **ADVANCED PLACEMENT CLASSES (AP)**

Students may take Advanced Placement classes which are college-level courses. Teachers in AP classes prepare students to take a national exam which is administered in May. The exam scores on a 1-5 scale. A score of 3, 4, or 5 is generally considered a “passing” score. AP tests cost \$92 each, and most test award between 3 and 8 college credits. Students should contact their university of choice for information on how AP credits are awarded and utilized.

<b>Course Number</b>	<b>Course Name</b>	<b>GRADE LEVEL ELIGIBLE</b>
2128	AP Art Studio	11,12
2321	AP Music Theory	11,12
6230	AP Biology	10,11,12
6430	AP Chemistry	11,12
6530	Honors Physics/AP Physics 1	10,11,12
6532	AP Physics C – Mechanics	10,11,12
4315	AP English	11,12
3170	AP Spanish	11, 12
5520	AP Calculus AB	10, 11, 12
5530	AP Calculus BC	11, 12
5510	AP Statistics	11, 12
4591	AP World History	10
4593	AP US History	11
4598	AP Psychology	10, 11, 12
4594	AP US Government/Politics	12

## **PRIVATE CONTRACT SCHOOLS**

**8706 COSMETOLOGY – AVALON** (Contact Avalon in Layton for more information)

**8711 COSMETOLOGY – PAUL MITCHELL** (Contact Paul Mitchell in Ogden for more information)

## **NORTHRIDGE HIGH SCHOOL**

Air Force ROTC see Northridge High for more information.

## **2020 – 2021 CONCURRENT ENROLLMENT**

Concurrent enrollment classes are taught through Weber State University, Utah State University, Utah Valley University, and Salt Lake Community College. It is the student’s responsibility to admit to the University offering the class and pay applicable fees.

The benefits of concurrent enrollment may include:

(1) Tuition fees are based on credit hours (\$5.00/hour) and registration fees and charges for required textbooks will be assessed by Universities.

(2) Classes are taught at WXHS.

(3) Students earn high school credit and college credit for the same class.

(4) Credit usually is transferable to other state colleges/universities.

Be aware that concurrent credit/grade earned at the university level will be placed on the permanent college transcript and *may* affect financial aid.

## 2019 – 2020 CONCURRENT ENROLLMENT

University	Higher Ed Credits	Higher Ed Course No.	WXHS Course Name	HS Course No.	HS Credit	Teacher	Gr. Level Eligible
WSU	3	ASL 1010	CE ASL 1010	4854	Elective	Beckman	10,11,12
WSU	3	FRNCH 1010	CE French II	4530	Elective	Britte	10,11,12
WSU	3	FRNCH 1020	CE French III	4540	Elective/12 <sup>th</sup> Gr. Language Arts	Britte	11-12
WSU	3	FRNCH 2010	CE French IV	4523	Elective/12 <sup>th</sup> Gr. Language Arts	Britte	12
WSU	3	SPAN 1010	CE Spanish II	4630	Elective	Spencer	10,11,12
WSU	3	SPAN 1020	CE Spanish III	4640	Elective	Spencer	10,11,12
WSU	3	SPAN 2010	CE Spanish IV (Approval Pending)	4623	Elective	Spencer	11-12
WSU	3	NUTR 1240	CE Culinary Arts	8482	CTE	Carsten	11-12
WSU	3	NUTR 1020	CE Foundations of Nutrition	8479	CTE	Carsten	11-12
WSU	3	AUTOSV 1000	CE Auto 2: Safety/Intro	8803	CTE	Kirk	11-12
WSU	3	AUTOSV 1021	CE Auto 2: Brakes/Anti-lock	8803	CTE	Kirk	11-12
WSU	2	AUTOSV 1022	CE Auto 2: Suspension/Steering	8803	CTE	Kirk	11-12
WSU	2	AUTOSV 1120	CE Auto 3: Automotive Engines	8804	CTE	Kirk	11-12
WSU	4	AUTOSV 1320	CE Auto 3: Electronics	8804	CTE	Kirk	11-12
WSU	1	MFET 2153	CE Welding Tech Intermediate	8852	CTE	Kidder/Morfin	11-12
SLCC	4	CMGT 1220	CE Furniture Manufacturing	8861	CTE	Kidder	11-12
SLCC	2	CMGT 1200	CE Woodworking	8860	CTE	Kidder	11-12
WSU	3	BSAD 1010	CE Business Management	8542	CTE	Short	11-12
WSU	3	WEB 1700	CE Business Office Specialist	8523	CTE/Digital Studies	Hogan	10,11,12
WSU	3	ENTR 1002	CE Entrepreneurship	8543	CTE	Hogan	11-12
WSU	3	PS 1303	CE Marketing II	8237	CTE	Short	11-12
WSU	3	EDUC 1010	CE Intro to Education	7718	Elective	McCleery	11-12
WSU	4	CS 1400	CE Computer Programming 1	8684	CTE/Digital Studies	Snelson	11-12
WSU	4	CS 1410	CE Advanced Computer Programming	8685	CTE	Snelson	12
WSU	4	CS 1030	CE Computer Science Principles	8676	CTE/Digital Studies	Snelson	10,11,12
UVU	4	DGM 1110	CE Digital Graphic Arts Intro/Digital Media I	8650/8651	Elective	Pilkington	10,11,12
WSU	3	CS 1010	CE Game Development Fundamentals	8552	CTE	Pilkington Snelson	10,11,12
WSU	3	WEB 1400	CE Web Development 1A	8655	CTE/Digital Studies	Hogan	10,11,12