



WOODS CROSS HIGH SCHOOL

REGISTRATION INFORMATION AND COURSE DESCRIPTIONS

2019 -2020

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

LANGUAGE ARTS

Graduation Requirement 4.00 Credits

**Fee required*

SOPHOMORE ENGLISH

4100 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.

4103 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

4110 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.

4113 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

4119 ENGLISH 12 YEAR

This two semester courses 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.

4128 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.

4125 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

4122 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

4118 CE ENGLISH 2200 INTRO TO LITERATURE

College Credit Available WSU \$15

An introduction to three major literary genres, fiction, poetry, and drama, drawn from a diverse range of authors from various cultures and historical periods. Students will learn how to read literary texts closely and critically, and how literature-reading more generally-can have a meaningful part of their daily lives. Course includes relevant practice in the principles of successful drafting, revising, and editing.

ENGLISH ELECTIVES

4131 READ 180 - YEAR (10/11/12)

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

4146 CREATIVE WRITING – 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.

4240 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.

4214 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.

714 CE 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.

**** Book must be purchased**

4137 - Technical Writing (Semester - Eng 12 credit)

Technical writing is a writing class that focuses on "simplifying the complex." Students will be introduced to a style of writing that is relevant, useful, and accurate for various occupations and fields of study. Students will learn to write texts that are concise, focused, easy to understand, free of errors, and audience based.

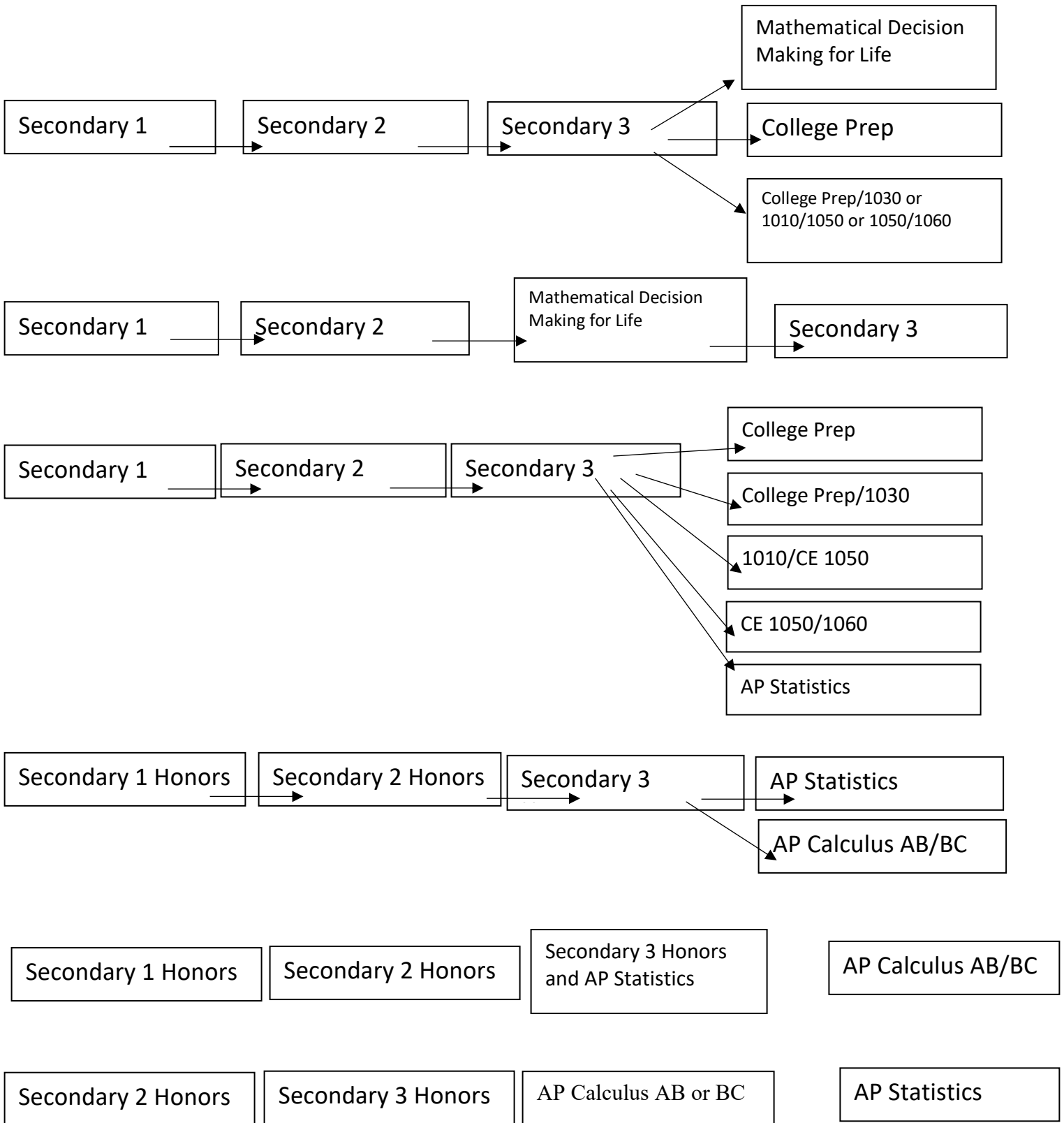
Math

9th grade

10th grade

11th grade

12th grade



5140 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 2nd 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.

5141 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.

5502 SECONDARY MATH II LAB

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.

5150 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.

5151 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.

5503 SECONDARY MATH III LAB (11/12)

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.

5460 MATHEMATICAL DECISION MAKING FOR LIFE (12)

Prerequisite: Secondary Math II

This course fulfills the 3rd 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.

5410 PRE-CALCULUS (12th grade only)

Prerequisite: Secondary 3

This is a course designed to prepare students for College Algebra 1010. 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.

A \$10.00 fee for a consumable manual is required. Students who successfully complete this course will be prepared for CE 1010.

5245 CE MATH 1010 – 1ST SEMESTER (11/12)

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)

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 subscore 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.

5230 CE MATH 1030 – 2ND SEMESTER (11/12)

College Credit Available at WSU \$15 Tuition

Prerequisite: Successful completion of CE Math 1010 (grade of C or better) or ACT Math Subscore 21 or higher.

This course is 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.

5250 CE MATH 1050 – 1ST OR 2ND SEMESTER (11/12)

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 is the General Education requirement for any student going in to 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.

5310 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.

5320 AP CALCULUS BC –YEAR (11/12)

Highly Recommended: Secondary III Honors and recommendation of 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.

5315 CALCULUS LAB – YEAR (11/12)

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

5330 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

3520 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.

3523 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.

3524 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 .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

3620 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

3621 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

3625 CE CHEMISTRY (CHEM 1010 & CHEM 1015) - YEAR

3632 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 and allows the course to qualify as a laboratory science chemistry course for the Regents Scholarship. 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.

3622 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 1st 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

3640 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

3645 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

3647 AP PHYSICS C* -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

3590 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 3rd Science**)

8637 CE INTRODUCTION TO ENGINEERING DESIGN - YEAR

College Credit Available WSU \$15 Tuition

Introduction to Engineering Design is an introductory course which develops student problem solving skills using a design development process. Models of product solutions are created analyzed and communicated using solid modeling computer design software. Students will be exposed to the techniques learned and equipment used by engineers throughout the United States. A \$20 lab fee is required.

Prerequisite: Secondary Math II needs to be taken at the same time as Introduction to Engineering or take previously.

Recommended: Physics with Technology or Honors Biology

8172 ANIMAL SCIENCE 1*- YEAR (11/12)

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.

FFA membership and involvement is recommended, but not required. . (**Can be 3rd Science**)

State Skills Certification

8171 ANIMAL SCIENCE II*- YEAR (11/12)

Students will be exposed to more 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.

FFA membership and involvement is recommended, but not required. . (**Can be 3rd Science**)

State Skills Certification

8339 CE MEDICAL ANATOMY & PHYSIOLOGY* -YEAR (11/12)

College Credit Available WSU (HTHS 1101/1120)

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

Career Focus:

- Prepares you for college level anatomy and physiology, as well as jobs in health care.

Must Register for 2 Periods for the Entire Academic Year.

Recommended BUT NOT Required Intro to Health

Science, Biology, or Honors Biology.

USOE CTE Skill certification available in Medical Terminology and Anatomy and Physiology on course completion.

Materials & Textbook fees required

College credit is available through Weber State University, \$30 Admission fee plus \$5 per credit. Student may choose to take 3 credits or 5 credits.

8338 BIOTECHNOLOGY – YEAR (11/12)

This course actively engages you in exciting realistic labs like a real research scientist. Explore DNA manipulation by transferring real DNA from one organism into another (Secrets of the Rain Forest Lab). 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 (GMO Lab). Collaborate with your peers and be a part of the Davis High CSI team solving our annual crime scene investigation (Crime Scene PCR Lab). Investigate how your own immune system produces antibodies (Immuno Explorer Lab). Discover the bacteria used to make yogurt that flourishes in your own saliva (Yogurt and Dental Caries Labs). Grow your own bacterial cultures and investigate their origins.

Career Focus: Clinical Laboratory Science

State Skills Certification

Graduation Requirement: CTE or 3rd Science

8631 ROBOTICS 1 – SEMESTER (10-12)

Students will:

- **Code and program automated systems**
- **Design, build, and test robotics projects**
- **Graduation Requirement: CTE or 3rd Science**

8632 ROBOTICS 2 – SEMESTER (10-12)

Prerequisite: Robotics 1

Students will learn:

- Advanced coding and programming of automated systems
- AC and DC circuits
- Mechanical Systems
- Graduation Requirement: CTE or 3rd Science

USTAR SUMMER BIOLOGY

Counts for 1.0 credit Science or elective science

Class begins 8 am – 3pm on June 10 and runs till July 18th Monday – Thursday. No classes on Friday or July 3&4.

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*

6240 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.

6245 AP WORLD HISTORY -YEAR

This course covers a study of ancient civilizations such as 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 the students to pass the A.P. test. Successful performance on that test may earn a student college credit.

6250 U.S. HISTORY -YEAR

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

6254 AP U.S. HISTORY -YEAR

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.

6275 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.

6364 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

6320 INTRODUCTORY PSYCHOLOGY* -SEMESTER

- ◊An introductory/survey course for students in all grades
- ◊Uncover the truth behind 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)

6324 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

6325 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

6340 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)

Graduation Requirement 1.00 Credits

**Fee required*

AGRICULTURE

8172 ANIMAL SCIENCE I* - YEAR (11/12)

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.

FFA membership and involvement is recommended, but not required. . **(Can be 3rd Science)**

State Skills Certification

8171 ANIMAL SCIENCE II* - YEAR (11/12)

Students will be exposed to more 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.

FFA membership and involvement is recommended, but not required. . **(Can be 3rd Science)**

State Skills Certification

8137 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.

FFA membership and involvement is recommended, but not required.

State Skills Certification

8138 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.

FFA membership and involvement is recommended, but is not required.

State Skills Certification

BUSINESS AND MARKETING

8500 ACCOUNTING 1* – SEMESTER

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.

State Skills Certification

Graduation Requirement: CTE

8503 ACCOUNTING 2* - SEMESTER

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 analyze financial statements for companies offering investment opportunities

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

With Accounting 1 can be 3rd-Year Math Credit

State Skills Certification

Graduation Requirement: With Accounting 1 can be 3rd Year Math Credit

8523 CE BUSINESS OFFICE SPECIALIST - SEMESTER (10-12)

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

- 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: Prepared for immediate employment, advanced certifications and further education

State Skills Certification

Microsoft Office Specialists Certification Available

Graduation Requirement: CTE or Digital Studies

8572 BUSINESS (AND PERSONAL) LAW* - SEMESTER

- 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.

State Skills Certification

Graduation Requirement: CTE

8542 CE BUSINESS MANAGEMENT – SEMESTER (11/12)

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

- 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.

Textbook purchase required

Graduation Requirement: CTE

8251 DIGITAL MARKETING –SEMESTER

- Introduction to a 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

State Skills Certification Test

8543 CE ENTREPRENEURSHIP - SEMESTER (11/12)

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

- Gain an understanding of the marketing and management principles necessary to start and operate their own business
- Discover traits and characteristics of successful entrepreneurs
- Analyze how forms of business ownership, government regulations, and legal regulations affect entrepreneurial ventures

Career Focus: Prepared for further education.

State Skills Certification Test

Graduation Requirement: CTE

8236 MARKETING 1– SEMESTER

- Explore the fundamental concept of marketing
- 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: Prepared for immediate employment and further education.

State Skills Certification

Graduation Requirement: CTE

8237 CE MARKETING 2* - SEMESTER (11/12)

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

- 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: Prepared for immediate employment and further education.

State Skills Certification

Graduation Requirement: CTE

8274 SPORTS & Event MARKETING* - SEMESTER (10-12)

- 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: Prepared for further education.

State Skills Certification

Graduation Requirement: CTE

8239 HOSPITALITY & Tourism* - SEMESTER (10-12)

- 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: Prepared for immediate employment and further education.

State Skills Certification

Graduation Requirement: CTE

EDUCATION

8416 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.

State Skills Certification

Graduation Requirement: CTE

7718 CE INTRO TO EDUCATION – 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 and approve 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.

Graduation Requirement: Elective

FAMILY & CONSUMER SCIENCE

8406 CHILD DEVELOPMENT* - SEMESTER (10-12)

- Understand how children (conception to five year) grow and develop
- Develop parenting and positive guidance skills
- Observe Junior Wildcats (ages 0-5)

Career Focus: Begin working towards National CDA (Child Development Associate) License

State Skills Certification

FCCLA membership is encouraged.

Graduation Requirement: CTE

8444 EARLY CHILDHOOD EDUCATION 1* - SEMESTER (10-12) Formerly ECE 1A

Prerequisite: Child Development

- Be in the Woods Cross Childcare Training Center PART-TIME
- Design and Teach lessons for our Junior Wildcats (ages 0-5)
- Learn developmentally appropriate practices as you play with our Junior Wildcats

Career Focus: Continue working on your National CDA (Child Development Associate) License

State Skills Certification

FCCLA membership is encouraged.

Graduation Requirement: CTE

8445 EARLY CHILDHOOD EDUCATION 2 (CENTER)* - SEMESTER (10-12) Formerly ECE 1B

Prerequisite: Child Development, ECE 1

- Be in the Woods Cross Childcare Training Center FULL-TIME
- Design and Teach lessons for our Junior Wildcats (ages 0-5)
- Learn developmentally appropriate practices as you play with our Junior Wildcats

Career Focus:

- Continue working on your National CDA (Child Development Associate) License

State Skills Certification

FCCLA membership is encouraged.

Graduation Requirement: CTE

8446 EARLY CHILDHOOD EDUCATION 3* - SEMESTER (11/12) Formerly ECE2

Prerequisite: Child Development, ECE 1, ECE 2

- Be in the Woods Cross Childcare Training Center FULL-TIME
- Design and Teach lessons for our Junior Wildcats (ages 0-5)
- Learn developmentally appropriate practices as you play with our Junior Wildcats
- Career opportunities in child care explored

Career Focus: Continue working on your National CDA (Child Development Associate) License

State Skills Certification

FCCLA membership is encouraged.

Graduation Requirement: CTE

8421 FOOD AND NUTRITION 1* - SEMESTER (10-12)

- Cook delicious food in lab experiences related to cooking basics, carbohydrates, fats, protein, fruits, vegetables, and vitamins and minerals
- Discover how you can maintain a healthy lifestyle NOW
- Develop skills in safe food handling and meal preparation
- Earn your Food Handler's Permit

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

State Skills Certification

FCCLA membership is encouraged.

Graduation Requirement: CTE

8478 FOOD AND NUTRITION 2* - SEMESTER (10-12)

Prerequisites: Foods 1

- Cook delicious food in lab experiences related to yeast bread, meat, salad, soup, and pies.
- Discover how you can maintain a healthy lifestyle now and throughout your life
- Practice effective grocery shopping techniques
- Experiment with the latest in food trends

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

State Skills Certification

FCCLA membership is encouraged.

Graduation Requirement: CTE

8482 CE CULINARY ARTS – YEAR (11/12)

Prerequisites: Foods 1, Foods 2

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

Practice advanced skills in food preparation

- Learn how to prepare foods in a healthful way utilizing various cooking and food presentation techniques
- Understand sustainable food growing, acquisition, preparation, and consumption
- Take your cooking skills and apply them to nutritional recipes
- Learn how to run a food service operation, including catering, bakery, restaurant, hospitality and fast food business operations.
- Continue refining skills in safety and sanitation, food preparation, and advanced nutrition.

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

State Skills Certification

FCCLA membership is encouraged.

CE Textbook purchase required

8479 CE NUTRITION—FOUNDATIONS OF NUTRITION - SEMESTER (11/12)**

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

- Earn General Life Science college credit
- Discover how to make wise food choices
- Analyze your diet using advanced technology
- Learn how food is digested and metabolized

FCCLA membership is encouraged.

CE Textbook purchase required

Graduation Requirement: CTE

HEALTH SCIENCE

8337 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

8350 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

- Explore careers related to Sports Medicine
- Prevent, evaluate, and treat various sports injuries
- Learn how to tape an ankle and other preventative skills

Career Focus:

- Beneficial background for all injury related careers
- Basic First Aid and CPR/AED certification possible

Materials & American Red Cross Certification fees required

State Skills Certification

Graduation Requirement: CTE

8310 CE EMERGENCY MEDICAL RESPONSE – SEMESTER (11/12)

Recommended BUT NOT required: Medical Anatomy/Physiology or Intro to Health Science or Honors Biology

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

- Save a life!
- Develop professional level First Aid and CPR skills
- Highest you can go prior to EMT training

Career Focus:

- 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.

Graduation Requirement: CTE

8339 CE MEDICAL ANATOMY & PHYSIOLOGY* -YEAR (11/12)

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

College Credit Available WSU (HTHS 1101 & HTHS 1120)

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

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

Must Register for 2 Periods for the Entire Academic Year.

USOE CTE Skill certification available in Medical Terminology and Anatomy and Physiology on course completion.

Materials & Textbook fees required

Graduation Requirement: CTE or 3rd Science

8338 BIOTECHNOLOGY – YEAR (11/12)

This course actively engages you in exciting realistic labs like a real research scientist. Explore DNA manipulation by transferring real DNA from one organism into another (Secrets of the Rain Forest Lab). 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 (GMO Lab). Collaborate with your peers and be a part of the Davis High CSI team solving our annual crime scene investigation (Crime Scene PCR Lab). Investigate how your own immune system produces antibodies (Immuno Explorer Lab). Discover the bacteria used to make yogurt that flourishes in your own saliva (Yogurt and Dental Caries Labs). Grow your own bacterial cultures and investigate their origins.

Career Focus: Clinical Laboratory Science

State Skills Certification

Graduation Requirement: CTE or 3rd Science

VIEWMONT HIGH SCHOOL

8343 CERTIFIED NURSE ASSISTANT*(CNA) – SEMESTER (11/12)

- Develop basic nursing and patient care skills.
- Participate in labs teaching skills such as blood pressure, basic wound care, etc.

Career Focus:

- 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.**

Information Technology

8650 CE Digital Graphics Arts Intro - 1st SEMESTER (10-12) Formerly Digital Media 1A

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

- Learn powerful media creation tools including Adobe visual design and audio manipulation software.
- Hands-on computer training in Illustrator, Photoshop, and Audition.
- Create flyers, posters, logos, digital illustrations, sound effects and podcasts with creative, real-world application.

Career Focus: Explore careers in Graphic Design, Marketing, and Sound Engineering. Learn skills that have broad application in a variety of fields.

State Skills Certification

Graduation Requirement: CTE

8651 Digital Media 1 - 2nd SEMESTER (10-12) Formerly Digital Media 1B

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

- Discover and try out various 2D animation techniques.
- Experience professional video recording and editing equipment.
- Hands-on computer training in Premiere, Animate (Flash), and Dreamweaver (HTML/CSS).
- Create videos, animations, and websites.

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

Recommended: Digital Graphic Arts Intro

State Skills Certification

Graduation Requirement: CTE

8654 3-D GRAPHICS – 1st SEMESTER (10-12)

- Discover and apply various character development and 3D modelling techniques.
- Analyze a variety of three dimensional graphics.
- Hands-on computer training with Autodesk Maya, Google Sketchup, and Adobe Software.
- Create and experience game development, product invention, and video marketing from your 3D models.

Prerequisite: Digital Graphics Arts Intro

State Skills Certification

Graduation Requirement: CTE

8657 3D ANIMATION – 2nd SEMESTER * (10-12)

Prerequisite: 3D Graphics

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

- Discover and apply various 2D and 3D animation techniques.
- Analyze a variety of three dimensional, motion media.
- Hands-on computer training with Autodesk Maya, and Adobe Software.
- Create and experience the worlds and objects of your imagination in a cooperative team effort.

Career Focus: Explore careers in 3D animation, game design, and engineering. Prepare for further education.

State Skills Certification

Graduation Requirement: CTE

8701 TV BROADCASTING 1* - 1st SEMESTER (11/12)

Prerequisite: Digital Media 1 OR Video Productions 1

- 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.

Graduation Requirement: CTE

8702 TELEVISION BROADCASTING 2* - 2nd SEMESTER (11/12)

Prerequisite: Television Broadcasting 1 or Video Productions 1

- 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.

Graduation Requirement: CTE

8703 VIDEO PRODUCTIONS 1* - 2nd SEMESTER (10-12)

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

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

Graduation Requirement: CTE

8655 CE WEB DEVELOPMENT 1- SEMESTER (11/12)

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

- 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 through the use of email, search engines and browsers
- Identify elements of good web page design

Career Focus: Prepared for further education.

State Skills Certification

Graduation Requirement: CTE or Digital Studies

8671 CE GAME DEVELOPMENT FUNDAMENTALS* - SEMESTER (10-12)

College Credit Available WSU (CS 1010) \$15 Tuition

Bring your game ideas to life!

- Learn the foundation of digital game design
- Design gameplay, rules and structure of the game including environment, storyline and characters
- Create games using various programming applications

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

8676 CE COMPUTER SCIENCE PRINCIPLES – SEMESTER (10-12)

College Credit Available WSU (CS 1030) \$20 Tuition

- Explore a wide variety of topics relevant to the fields of computer science and software engineering
- 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 and create software applications by writing *JavaScript* code

Graduation Requirement: CTE or Digital Studies or 3rd Science

8683 COMPUTER PROGRAMMING 1 – 1st SEMESTER (11/12) Formerly Computer Programming 1A

Prerequisite: CE Computer Science Principles for (CS1030)

College Credit Available WSU (CS 1400) \$20 Tuition

- Introductory course in the fundamentals of computer programming and software engineering
- 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

State Skills Certification

Graduation Requirement: CTE or Digital Studies

8684 CE COMPUTER PROGRAMMING 2 – 2nd SEMESTER (11/12) Formerly Computer Programming 1B

Prerequisites: Computer Programming 1A & CE Computer Science Principles (CS 1030)

- Reinforce and build upon concepts and skills from Computer Programming 1A
- Introduce students to more complex data structures in *Java*
- Learn industry standard object-oriented programming design and implementation

State Skills Certification

Graduation Requirement: CTE or Digital Studies

8685 CE ADVANCED COMPUTER PROGRAMMING 2 – Full Year (11-12) Formerly Computer Programming 2

Prerequisite: Computer Programming 1B

College Credit Available WSU (CS 1410) \$20 Tuition

- Reinforce and build upon concepts and skills from Computer Programming 1B
- Introduce students to more complex data structures.
- Instructions and coursework done in the C++ programming language
- Implement industry design methods using Object Oriented Programming.

State Skills Certification

Graduation Requirement: CTE

SKILLED & TECHNICAL

8802 AUTO TECH 1* - SEMESTER (10-12)

Teaches students basic automotive skills necessary for everyday driving. This is a skill Level 1 course with basic or no automotive knowledge required.

Content is based on the ASE task list which includes:

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

State Skills Certification

Graduation Requirement: CTE

8803 CE AUTO TECH 2* - YEAR (11/12)

College Credit Available WSU (AUSV 1000, 1021, 1022) \$20 Tuition

A continuation of Auto Tech 1.

- Brakes
- Ignition systems
- Suspension and basic engine theory
- Steering-suspension based on ASE task lists
- Shop may be up to 50% of grade. Math skills required.
- **State Skills Certification**
- **Graduation Requirement: CTE**

8804 CE AUTO TECH 3* - YEAR (12)

College Credit Available WSU (AUSV 1120, 1320) \$35 Tuition

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

- Engines
- drive train components
- electrical elements
- advanced engine performance (OBDII)
- troubleshooting on both shop cars and live vehicles
- Labs are 90% of grading. Graded on automotive flat rate. This is a college-level course geared to placing students directly into industry.
- **MLR Level Final**
- **Graduation Requirement: CTE**

8878 PRIVATE PILOT GROUND SCHOOL* - SEMESTER (10-12)

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.

- 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.
- To include the following fundamentals, but not limited to:
 - 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

8860 CE WOODWORKING* - SEMESTER

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

- Learn how to use woodworking tools and machinery
- Each student will construct projects that they will take home
- Learn to read blueprints, layout and design, joinery, abrasives, kinds of wood and finishing

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

State Skills Certification

Graduation Requirement: CTE

8861 CE FURNITURE & DESIGN - YEAR (11-12)

Prerequisite: Woodworking

College Credit Available SLCC (CMGT1220) \$20 Tuition

- Apply knowledge and woodworking skills to prepare and execute furniture design projects
- Build personal projects to take home
- Learn about and build different types of furniture

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

State Skills Certification

Graduation Requirement: CTE

8634 MANUFACTURING PRINCIPLES 1 – SEMESTER (11/12)

- History and operational structure of industry
- Learn manufacturing principles, product development, precision measurement, and quality management
- Interaction of process selection, strength optimization, cost, etc.

(Course will be integrated with Composites 1)

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

State Skills Certification

8888 COMPOSITES 1 – SEMESTER (11/12)

This course will use technical knowledge and skills to plan and manufacture projects using composite materials. 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, and process and procedures of fabrication.

(Course will be integrated with MANUFACTURING PRINCIPLES 1)

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

State Skills Certification

8851 WELDING TECH – ENTRY – YEAR (10-12)

- Basic welding skills, including:
 - GMAW
 - SMAQ
 - Oxy-Acetylene
- Proper safety habits
- Blueprint and design
- Welding symbols
- Basic math

State Skills Certification

Graduation Requirement: CTE

8852 CE WELDING TECH – INTERMEDIATE – YEAR (11-12)

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

- Industrial welding processes
- Industrial equipment selection
- Industrial design criteria
- Plasma cutting
- Project construction.

State Skills Certification

Graduation Requirement: CTE

8827 GRAPHIC DESIGN 1: INTRO TO DESIGN * - SEMESTER (10-12)

This course is an introduction to Graphic Design and its applicable elements and principles of design.

- Typography
- Composition
- Adobe Illustrator

Graduation Requirement: CTE or Art

8828 GRAPHIC DESIGN 2: ADVERTISING DESIGN * - SEMESTER (10-12)

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.

Graduation Requirement: CTE or Art

8829 GRAPHIC DESIGN 3: INDUSTRIAL DESIGN – YEAR (11/12)

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

Building on the foundations of Graphic Design 1 & 2 students who are serious about Graphic Design as a career will:

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

Graduation Requirement: CTE or Art

8701 TV BROADCASTING 1* - 1st SEMESTER (11/12)

- 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.

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

8702 TELEVISION BROADCASTING 2* - 2nd SEMESTER (11/12)

- 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.

Prerequisite: *Television Broadcasting 1 or Video Productions 1*

8703 VIDEO PRODUCTIONS 1* - 2nd SEMESTER (11/12)

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

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

Prerequisite: *Computer Tech*

TECHNOLOGY AND ENGINEERING

8636 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: Medical Device Industry

Graduation Requirement: CTE

8637 CE INTRODUCTION TO ENGINEERING DESIGN - YEAR (10-12)

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

Introduction to Engineering Design introduces students to engineering as a possible career choice. Students will learn:

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

Graduation Requirement: CTE or 3rd Science

8638 CE PRINCIPLES OF ENGINEERING – YEAR (11/12)

Prerequisite: CE Introduction to Engineering Design and Secondary Math II

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

This course exposes students to some of the major concepts that they will encounter in a post-secondary engineering course of study including:

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

Graduation Requirement: CTE or 3rd Science

8631 ROBOTICS 1 – SEMESTER (10-12)

Students will:

- Code and program automated systems
- Design, build, and test robotics projects

Graduation Requirement: CTE or 3rd Science

8632 ROBOTICS 2 – SEMESTER (10-12)

Prerequisite: Robotics 1

Students will learn:

- Advanced coding and programming of automated systems
- AC and DC circuits
- Mechanical Systems

Graduation Requirement: CTE or 3rd Science

8796 AM STEM (Automation & Robotics Technology) YEAR - (11/12)

Series of Davis Technical College courses in their Automation Technology program that will be streamed to WXHS via the Interactive Video Conferencing (IVC) lab.

- Classes will run 4 days per week from 6:30 am to 7:15 am.
- Students to also be enrolled as Davis Technical College students - \$40 fee
- Hands-on projects provided.

Career Focus: Learn skills preparatory for jobs in the Automation and Robotics manufacturing industry.

Graduation Requirement: CTE

DIGITAL STUDIES

Graduation Requirement 0.50 Credits

**Fee required*

One of the following courses meets the requirement for graduation:

8523 CE BUSINESS OFFICE SPECIALIST - SEMESTER (10-12)

College Credit Available WSU (Web 1700) \$15 Tuition

- 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: Prepared for immediate employment, advanced certifications and further education

State Skills Certification

Microsoft Office Specialists Certification Available

Graduation Requirement: CTE or Digital Studies

8676 CE COMPUTER SCIENCE PRINCIPLES – SEMESTER (10-12)

College Credit Available WSU (CS 1030) \$20 Tuition

- Explore a wide variety of topics relevant to the fields of computer science and software engineering
- 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 and create software applications by writing *JavaScript* code

Graduation Requirement: CTE or Digital Studies or 3rd Science

8683 CE COMPUTER PROGRAMMING 1 – 1st SEMESTER (11/12)

College Credit Available WSU (CS1400) \$20 Tuition

Prerequisite: *Recommended Exploring Computer Science or Computer Science Principles for CE pathway credit.*

- Introductory course in the fundamentals of computer programming and software engineering
- 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

State Skills Certification

Graduation Requirement: CTE or Digital Studies

8684 CE COMPUTER PROGRAMMING 2 – 2nd SEMESTER (11/12)

Prerequisites: *Computer Programming 1 & CE Computer Science Principles (CS1030) for CE credit*

- Reinforce and build upon concepts and skills from Computer Programming 1A
- Introduce students to more complex data structures in *Java*
- Learn industry standard object oriented programming design and implementation

State Skills Certification

Graduation Requirement: CTE or Digital Studies

8655 WEB DEVELOPMENT 1*- SEMESTER (11/12)

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

- 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 through the use of email, search engines and browsers
- Identify elements of good web page design

Career Focus: Prepared for further education.

State Skills Certification

Graduation Requirement: CTE or Digital Studies

FINE ARTS

Graduation Requirement 1.50 Credits
**Fee required (Visual Arts & Performing Arts)*

VISUAL ARTS

1230 DRAWING* -SEMESTER

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

1140 SCULPTURE 1* -Semester

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

Prerequisites: Drawing

1110 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.

1115 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

1116 CERAMICS 3*-SEMESTER

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

1130 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

1132 3-D DESIGN 2* - SEMESTER

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

Prerequisites: Drawing and 3-D Design 1

1200 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.

1205 PAINTING 2* (Watercolor) – 2nd 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.

1120 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.

1190 STUDIO ART 1 * - SEMESTER

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

Prerequisites: Drawing

1234 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.

1151 AP ART HISTORY – YEAR (11/12)

This is a yearlong course that teaches the history and appreciation of great art works from the western art traditions. It starts with prehistoric works and ends with post-modern works. Elective credit is given for high school graduation and university level credit can be earned with a successful performance on the AP exams (portfolio) in May.

1153 CE ART HISTORY 1010 - 2ND 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.

8827 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

8828 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

8829 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

4190 YEARBOOK* - 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 elective credit and is a yearlong class. ***Students seeking admission must submit an application, go through an interview process, and be approved.***

Prerequisites: Graphic Design 1 & 2

PERFORMING ARTS DANCE

7800 BEGINNING 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 in large and small groups. **Fine Art Credit Possible**

7815 INTERMEDIATE 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

7825 DANCE COMPANY – Year (11/12)

Advance 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

1625 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.**

1626 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.**

1720 INTERMEDIATE CHORUS – YEAR (11/12)

A mixed course for males and females. No audition necessary. Some prior choral experience is recommended, but not necessary. Continued stress on music fundamentals while providing mixed chorus literature in a non-auditioned setting. Highly recommended for juniors planning on concert choir in their senior year. **No sophomores should register for this class without prior approval.** Group auditions for Concert Choir take place in this class.

Instrumentalists Welcome.

1820 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

1830 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

1745 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

Teacher Approval Required

1847 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

1840 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

1748 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

1806 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

1860 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 extra-curricular 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

1863 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

1700 CE MUSIC APPRECIATION - 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.

1804 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

4230 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.

4235 INTERMEDIATE THEATER* - SEMESTER

A continuation of developing the skills of acting. Emphasis on the study of monologues, stage combat, voice development, characterization, make-up and auditioning.

Prerequisites: Beginning Theater

4257 CE THEATER APPRECIATION* - 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.

4258 THEATER LEVEL 4 CREATIVE* - 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

4275 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

4260 PRODUCTIONS* - SEMESTER or YEAR

Designed to give the students "hands-on" experience in the art of play production. Students will learn set, sound and lighting design, set construction, theater safety, and knowledge of stage equipment. Students will also learn how to run assemblies, auditorium rentals and all school productions.

7860 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*

2900 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.

DRIVERS EDUCATION

7880 DRIVER ED/CAREER PLANNING - SEMESTER

★**Student 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 1st. Spring Registration for students whose 16th birthday falls between March 1st and August 31st. **Summer Driver Ed. is offered the last two weeks of June and July each year.**

HEALTH EDUCATION

Graduation Requirement 0.50 Credits

**Fee required*

7150 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

8337 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*

7790 BASKETBALL SKILLS CLASS - 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.

7800 BEGINNING 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 in large and small groups. **Fine Art Credit Possible**

7815 INTERMEDIATE 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

7825 DANCE COMPANY – YEAR (11/12)

Advance 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

7785 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.

7840 DRILL TEAM – YEAR

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

7710 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)

7710 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

7720 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.

TEAM CONDITIONING –SEMESTER/YEAR

For member of athletic teams to improve their physical condition for: **7776 Baseball, 7770 Basketball, 7777 Cross-Country, (7755 Sophomores & 7753 Juniors and Seniors) Football, 7776 Softball, 7780 Swimming, 7777 Track and 7765 Wrestling.**

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

7795 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.

7950 CHEERLEADERS – YEAR

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

(Elective Credit Not P.E. Credit)

FOREIGN LANGUAGES

AMERICAN SIGN LANGUAGE

4850 AMERICAN SIGN LANGUAGE 1 –YEAR

- Introduction to the language and culture of the Deaf
- Emphasis on communication in regards 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

4854 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

4855 ASL 3/CE AMERICAN SIGN LANGUAGE 1020 – YEAR (11/12)

College Credit available WSU (ASL 1020) \$15 tuition

- Focus on storytelling structure and techniques
- Further development of grammatical structures and vocabulary
- In depth discussion of Deaf culture issues
- Class is conducted in ASL

Prepares for Interpreter Training Program, Deaf Studies Program and Deaf Education Program

Can be eligible for an internship

Prerequisite: ASL 1010

FRENCH

4520 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 developing 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.

4530 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.

4540 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.

4560 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.

SPANISH

4630 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.

4640 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.

4650 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

2410 ESL STUDY SKILLS CLASS - YEAR

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

4131 READ 180 (9-12)

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

LEADERSHIP/INTERNSHIPS

8936 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.

9200 LATINOS IN ACTION - YEAR

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

2230 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.

2252 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.

Course Number	Course Name	GRADE LEVEL ELIGIBLE
1151	AP Art History	10,11,12
1234	AP Art Studio	11,12
1804	AP Music Theory	11,12
3524	AP Biology	10,11,12
3622	AP Chemistry	11,12
3645	Honors Physics/AP Physics 1	10,11,12
3647	AP Physics C – Mechanics	10,11,12
4128	AP English	11,12
4670	AP Spanish	11, 12
5310	AP Calculus AB	10, 11, 12
5320	AP Calculus BC	11, 12
5330	AP Statistics	11, 12
6245	AP World History	10
6254	AP US History	10, 11, 12
6324	AP Psychology	10, 11, 12
6364	AP US Government/Politics	11,12

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.

2019 – 2020 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 university 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.

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- (4) Credit usually is transferrable 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.

University	Higher Ed Credits	Higher Ed Course No.	WXHS Course Name	HS Course No.	HS Credit	Teacher	Gr. Level Eligible
WSU	3	ART 1010	CE Art History	1153	FINE ARTS	Swann	11-12
WSU	3	MUSIC 1010	CE Music Appreciation	1700	Fine Arts	Carter	11-12
WSU	3	THEA 1013	CE Theater Appreciation	4257	Fine Arts	Boucher	11-12
WSU	4	MATH 1010	CE Math 1010 Intermediate Algebra	5245	Math	Atwood	11-12
WSU	3	MATH 1030	CE Math 1030 Quantitative Reasoning	5230	Math	Bolton	11-12
WSU	4	MATH 1050	CE Math 1050 College Algebra	5420	Math	Atwood	11-12
USU	2	MATH 1060	CE Math 1060 Trigonometry	5260	Math	Atwood	11-12
UVU	3	CHEM 1010	CE Chemistry (must also take CHEM 1015)	3625	Science	Duffin	10, 11,12
UVU	1	CHEM 1015 LAB	CE Chemistry 1010 Lab (must also take CHEM 1010)	3632	Science	Duffin	10,11,12
WSU	3	DET 1010	CE Intro to Engineering	8609	CTE/3 rd Science	Hawkes	10,11,12
WSU	2	ENGR 1000	CE Principles of Engineering	8638	CTE	Hawkes	11-12
WSU	3	AT 2300	CE Emergency Medical Response	8310	CTE	Bird	11-12
WSU	3	AT 2175	CE Exercise Science/Sports Medicine	8350	CTE	Young	11-12
WSU	3	HTHS 1120	CE CS - MAP (Case Studies)	8339	CTE/3 rd Sci	Bird	11-12
WSU	2	HTHS 1101	CE MT - MAP (Terminology)	8339	CTE/3 rd Sci	Bird	11-12
WSU	3	COMM 2110	CE Communications 2110	714	Elective	Gregg	12
WSU	3	ENGL 1010	CE English 1010	4125	Language Arts	B. Johnson Mann Stewart	12
WSU	3	ENGL 2010	CE English 2010	4122	Language Arts	B. Johnson Mann Stewart	12
WSU	3	ENGL 2200	CE English Literature 2200	4118	Language Arts	B. Johnson	12

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 th Gr. Language Arts	Britte	11-12
WSU	3	FRNCH 2010	CE French IV	4523	Elective/12 th 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

SLCC-Salt Lake Community College UVU-Utah Valley University USU-Utah State University WSU-Weber State University

(Rev 2/8/2019)