

Syracuse High
School
Course Catalog
2019-2020



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AGRICULTURE

All Agriculture classes may require the following:

Lab Fee Required \$10.00 to \$20.00 depending on class.

FFA membership encouraged

FFA Dues \$15.00 if a member

Utah Skill Certification Available

BIOLOGY/ AGRICULTURE SCIENCE (10-12) Year

8153

This course satisfies the core Life Science requirement for graduation. It meets the state standards and objectives for Biology with application in agriculture. The scientific process is learned and practiced in the classroom, laboratory, and in the field.

ANIMAL SCIENCE

(10-12) Year

8172

This course exposes students to scientific principles of livestock production. Includes genetics, anatomy & physiology, nutrition, disease, and management practices of domestic animals. Learning takes place in the classroom and laboratory.

FLORICULTURE & GREENHOUSE MGMT.

(10-12) Year

8136

Students receive basic instruction in floriculture crop production and processing as well as greenhouse management practices. Labs include designing floral arrangements such as corsage, boutonniere, centerpiece, etc. Other hands-on-learning experiences involve working with bedding plants, testing soil, water, plant tissue, and propagation techniques.

CE PLANT AND SOIL SCIENCE

(10-12) Year

8178

This course exposes students to scientific principles of plant production and care. Includes genetics, disease, pests, and management practices of field crops and ornamental plants. Career opportunities and educational preparation are examined. Learning activities are varied, with classroom, laboratory, and field experiences emphasized.

ART

AP STUDIO ART 2D

(12) Year

1236

Course fees: \$30.00 lab fee, materials fee as needed per individual interest.

This course focuses on in-depth individual work, the creation of a two-part portfolio of both depth and breadth and offers the possibility of college credit for those students who successfully complete all AP Art requirements. Students enrolled in this class usually have some work already completed for their portfolio which consists of at least 24 best examples of their art.

AP STUDIO ART 3D Design

(11, 12) Year

1145

Course fees: \$40.00 lab fee

It is strongly suggested that you have taken Ceramics 1 & 2 before taking AP Studio 3D. For students with a mastery of elementary ceramic principles who wish to further develop their knowledge and skill. Students who take this class will be exploring advanced building and decorating techniques in pottery and sculpture. Students will be required to submit a portfolio to the College Board for AP credit.

CE ART HISTORY

(11-12) Year

1151

This class is a college level course that investigates art works from the past and present. Student will learn to critically analyze works of art within diverse historical and cultural contexts, considering issues such as politics, religion, patronage, gender, and ethnicity. Participation through presentations and discussions is emphasized. Writing skills are used in essay format tests to clearly demonstrate understanding.

This course explores the world and its cultures through artistic productions. It provides insight into the values and concerns of various peoples, the ways in which they interpreted and interacted with their environment.

CE ART 1030 STUDIO ART

(11-12) Semester

1229

Course Fee: \$15.00 (and additional materials)

A text is also required- *"The New Drawing on the Right Side of the Brain"* by Betty Edwards.

Students will follow the course and syllabus laid out and directed by the Salt Lake Community College Art Department.

CERAMICS I

(10-12) Semester

1110

Course fee: \$20.00 (there is a cost for tools and additional clay.)

This course introduces basic procedures for preparing, forming, glazing, and firing works in clay. Students apply these procedures through the creation of hand-built, wheel-thrown, and sculptural forms of functional, decorative, and abstract art.

CERAMICS II
(11-12) Semester
1115

Prerequisite: Ceramics I at the High School level or portfolio review.
Course fee: \$20.00 (there is a cost for tools and additional clay.)

This course provides students with opportunities to refine the basics and techniques in the production of hand-built, wheel- thrown and sculptural forms of functional, representational and abstract art.

CERAMICS III STUDIO
(12) Semester
1116

Prerequisite: Ceramics I & II and portfolio review.
Course fee: \$20.00 (there is a cost for tools and additional clay.)

This course is an advanced pottery and sculpture course. For students with a mastery of elementary ceramic principles who wish to further develop their knowledge and skill. Students should have been able to develop projects and promote processes that are their own. Students must be proficient with wheel- thrown as well as being adept in hand-built construction. Students will analyze and evaluate ceramic and sculptured projects. All students will be encouraged to complete an *AP 3-Dimensional Art Portfolio*.

INTRO TO DRAWING
(10-12) Semester
1230

Course fee: \$15.00
Students will review the elements and principles of two- dimensional art and learn methodology of learning to draw accurately. Great emphasis will be placed on composition and proportion. A variety of media will be used. The primary subject of study will be realistic and from life, not cartooning or animation (mostly). Homework is required.

DRAWING II
(11-12) Semester
1232

Course fee: \$15.00
Prerequisite: Intro to Drawing
Drawing II students will build upon the fundamental skills gained in Basic Drawing. Students will further explore problem solving and concept development, practicing methods of creative development. Students in Drawing II will explore working in several media, including color media.

DIGITAL PHOTOGRAPHY
(11-12) Semester
8831

Must have your own digital camera
Basic Digital Photography is designed to educate students on the basic functions of a digital camera, editing software for photos, and compositional techniques used in photography. Skills that relate to the operation and control of camera functions are taught by demonstration and practice in and outside of class time. Art elements and principles are emphasized throughout the semester to increase the effectiveness and quality of the photo. Computer skills essential to the output of photography are taught through the use of Photoshop and comprise the majority of in class time

PAINTING I
(10-12) Semester
1200

Prerequisite: Intro to Drawing
(High School level) (no exceptions)
Course fee: \$15.00. (Student responsible for supplying their own brushes- a \$5 brush set is available in class.)
This course explores the elements and principles of art through application of paint. Students will gain confidence in values and color theory through learning painting techniques as well as the importance and appreciation of historical and contemporary painters.

Through demonstration, exploration and experimentation, students will learn how to paint landscapes, portraits, non-objective paintings and still-life. This course will include instruction on basic techniques and skills relating to the use of acrylic and oil paint.

PAINTING II
(11-12) Semester
1205

Prerequisite: Intro to Drawing and Painting I
Course fee \$10.00 and Materials fee as individually needed for additional paint, canvas, etc.

This course is an extension of Painting 1 also employing the elements and principles of art. Painting 2 students will further explore concept and meaning in art more than the beginning class. Students may choose a major paint media of interest to work with. More self-directed work and more outside-of-class work should be expected. This class is intended for the committed and motivated art student.

BUSINESS

ACCOUNTING I
(10-12) Semester
8500

Accounting is one of the most sought after backgrounds by employers. All career choices and jobs involve Accounting; therefore, this course is invaluable to students, no matter what their career goal is. This course includes 2 one- semester classes (Accounting 1 and Accounting 2). This class will focus on how a business manages its funds through accounting systems. The basic accounting cycle for a service business organized as a sole proprietorship will be taught, along with financial records, financial statements, cash control, and banking activities. A state competency test is administered and a certificate is awarded for competency in Accounting 1.

(Continued)

Completion of Accounting 1 with a passing grade can be counted for .50 Math credit.

Future Business Leaders of America (FBLA) membership is strongly encouraged.

Accounting I AND Accounting II can count for a third math credit.

ACCOUNTING II

**(10-12) Semester
8503**

Prerequisite: Accounting 1

This class is a continuation of Accounting 2. Financial records, financial statements, cash control, payroll, petty cash, depreciation and notes are emphasized during the second semester as students learn the accounting cycle for a merchandising business organized as a corporation. Computerized accounting will be used. Students will be well prepared for entry-level accounting/business positions in industry. A state competency test is administered and a certificate is awarded for competency in Accounting 2. Accounting 2 MUST be taken second semester the same school year as Accounting 1 to be eligible to receive .50 Math credit.

Future Business Leaders of America (FBLA) membership is strongly encouraged.

Accounting I AND Accounting II can count for a third math credit.

BUSINESS COMMUNICATIONS

**(10-12) Semester
8578**

Fee: \$5.00

Business communication affects all aspects of our lives. This introductory course will teach students to communicate in a clear, courteous, concise, complete, and correct manner on both the personal and professional levels. Competency will be developed in oral, written, interpersonal, technological, and employment communication. Listening skills will be incorporated throughout the semester. The overriding goal is to provide students

with a solid communication base, so they are able to communicate effectively.

DECA Membership is encouraged.

BUSINESS LAW

**(10-12) Semester
8572**

Lab Fee: \$8.00

Students will gain an understanding of the law as it relates to them currently and the implications of the law in their future lives as well as the lives of their family and friends. basic legal vocabulary. The course will include an understanding of the court system at the local, state, and national level. Students will gain an understanding of basic legal vocabulary, contract law, their rights and responsibilities as citizens, utilization of financial transactions, employment and agency relationships, and the understanding of the regulations governing different types of business organizations. This class will go on at least one field trip and have several guest speakers. As a culminating project, students will participate in a mock trial.

Future Business Leaders of America (FBLA) membership is strongly encouraged.

CE CUSTOMER SERVICE

**(11-12) Semester
8241**

Fee: \$5.00

The focus of this course is for students to gain an understanding of the skills, aptitudes, and thought processes necessary to achieve customer satisfaction and loyalty in a variety of settings. Students will learn and develop customer service strategies as well as the skills and abilities necessary for working with customers; this will include helping customers to make decisions as well as resolving concerns and issues that may arise

DECA Membership is encouraged.

College credit s is available for qualified junior and senior applicants

GENERAL FINANCIAL LITERACY (11-12) Semester 2900

Lab Fee: \$8.00

This semester course focuses on personal finance principles as they relate to income, money management, spending, budgeting, credit, savings, and investing. Students will use this knowledge and related skills to take individual responsibility for personal economic well-being. Students will also participate in the interactive Stock Market Game to learn about investing and the ways the stock market reflects our economy.

Future Business Leaders of America (FBLA) membership is strongly encouraged.

Course required for graduation

CE BUSINESS OFFICE SPECIALIST (11-12) Semester 8523

Lab Fee: \$5.00

Prerequisite: Computer Technology or Exploring Computer Science

Utilizing the advanced features of the Microsoft Office Suite 2013 students will develop advanced skills in word processing, spreadsheet, and electronic presentation software. Students will improve productivity by using the most efficient, timesaving methods to produce and format documents. Proofreading, document composition, and communication competencies are also included. MOS (Microsoft Office Specialist) tests will be given for Word, Excel, and PowerPoint. If a student passes a test, they will receive a certificate which is recognized worldwide as the best method for employers to validate computer skill proficiency.

Future Business Leaders of America (FBLA) membership is encouraged.

DIGITAL MARKETING

**(11-12) Semester
8251**

Lab fee: \$10.00

Mail? Forget it. TV commercials? Meet the DVR. Email? Old school? It's

(Continued)

all about Facebook, Pinterest, Twitter, QR codes and apps. This new course will provide students with a foundation and skill set in the new, evolving world of social media tools and strategies. Topics covered:

- What social media is and why it is important
- How to use social media tools to build relationships and increase productivity
- The importance of building an online community
- Creating and executing social media campaigns
- Trends in mobile applications

This is a hands-on class as students will create QR codes, develop mobile apps and launch Facebook Pages.

DECA Membership is encouraged.

MARKETING I

(10-12) Semester

8236

Lab fee: \$10.00

Marketing remains one of the most popular choices as a major in college as well as for employment. This introductory course includes 2 one-semester classes. Marketing A/B provide the foundations necessary to gain a basic understating of this field of study and to allow students to determine if they would like to continue their study of the industry with additional marketing courses. Topics of study include determining how to effectively advertise a product; development of professional sales skills, understanding the purpose of packaging and labeling; and why one brand succeeds and another fails.

DECA Membership is encouraged.

CE MARKETING II

(11-12) Semester

8237

Prerequisite: Marketing 1

Lab Fee: \$10.00

This class takes all the fundamentals of marketing and gives students the hands-on opportunity to use those fundamentals. This project-based course allows students to develop and

demonstrate management level marketing skills. Students will learn advanced marketing principles then demonstrate proficiency by completing a marketing project.

SPORTS AND ENT. MARKETING

(10- 12) Semester

8274

Prerequisite: Marketing 1 and Marketing II (or take Marketing II concurrently)

Lab Fee: \$10.00

This course examines the business side of the industry. Students will learn how teams market and promote themselves and how a business uses sports to increase their profitability. Class discussions and opportunities to work on a variety of projects create a balance between "traditional" class work and hands-on activities. Topics covered include how teams effectively sell tickets; why companies want to be involved with the sports industry; how to make a sporting event entertaining; methods of advertising and promoting a team or event.

CE RETAIL

(Student Store, *The Edge*)

(11 -12) Year

8233

Teacher Approval Required

Prerequisite: Any Marketing Class

The Retail class allows students to learn about the world of business by operating the "*The Edge*." This course will provide insight into the theory behind buying, storing, pricing, advertising, display, selling, financing, and other activities necessary for successful business operations.

Students taking marketing classes should have the opportunity to participate in the DECA organization (student marketing leadership association). DECA-related activities and curricula may be used as an approved part of all marketing classes.

DECA Membership is encouraged
College credits are available for qualified junior and senior applicants.

CE FASHION STRATEGIES

(11-12) Semester

8469

Lab Fee: \$10.00

This course is for students who enjoyed fashion but want to learn more of the fashion industry. Students will learn about the fundamentals of elements and principles of design, color theory, ward-robing, fashion marketing, basic fashion and business concepts, size categories, and caring for clothing.

CE ENTREPRENEURSHIP

(10- 12) Semester

8543

Lab Fee: \$10.00

Prerequisite: Any Marketing Classes

An understanding of the business & marketing principles necessary to start and operate a business. Students will learn basic economic principles related to business ownership, compare the risks and rewards. Primary focus of the course is to help students understand the process of analyzing a business opportunity, determining feasibility of an idea utilizing research, developing a plan to organize and promote the business and its products/services, and finally, to understand the capital required, the return on investment desired, and the potential for profit. Entrepreneurship is designed for students enrolled in marketing, business, and upper-level courses who have an interest in developing the skills, attitudes, and knowledge necessary for successful entrepreneurs.

DECA and FBLA Membership is encouraged.

HOSPITALITY AND TOURISM

(10- 12) Semester

8239

Lab Fee: \$10.00

Do you love to travel? Think about a career in the Travel industry. This course provides the student with an understanding of one of the largest industries in the world. Specific applications include the evolution of

(Continued)

the tourism industry, destination geography, airlines, international travel, traveling by rail, car rentals, cruising, hospitality industry, tours, meetings, and marketing and sales. **DECA Membership is encouraged.**

ECONOMICS

(10- 12) Semester

8587

Lab Fee: \$10.00

This course focuses on the study of economic problems and the methods by which societies solve them. Characteristics of the market economy of the United States, its function in the world, and methods of applying economics to one's life will be explored. A State certificate is awarded for excellence.

DECA and FBLA Membership is encouraged.

INFORMATION & TECHNOLOGY

DIGITAL GRAPHIC ARTS/DIGITAL MEDIA

(11, 12) Year

8590/8651

Lab Fee: \$10.00

This course students will create interactive computer projects. Students will learn basic graphic design and audio editing. The main focus will be in Adobe Photoshop, Illustrator, and Audition.

Digital Media is the second half of Digital Graphic Arts where students will create interactive computer projects. They will learn basic video editing, animation and web design through individual and team assignments. The main focus will be in Adobe Flash, Premiere, and Dreamweaver.

DIGITAL MEDIA II

(11, 12) Year

8652

Digital Media 2 is the second-year multimedia course where students will create advanced interactive computer applications using the elements of text, 2D and 3D graphics, animation, sound, video and game making. The programs used will be Adobe Premiere and After Effects, Game Maker, Auto Desk Maya, and Mudbox. A major emphasis will be placed on 3d Modeling and Animation.

CE DATABASE DEVELOPMENT

(10-12) Semester

8682

Students will learn relational database concepts and how data is stored in tables. They will also learn about how to manipulate data (DML) and database objects (DDL.) Emphasis will be placed on how to create database objects and how to interface with them. The SQL programming training is designed to give the student hands-on exposure to Oracle SQL. The student learns by coding, and this class has dozens of in-class exercises and the student will be guided from very simple SQL programs to increasingly complex SQL coding techniques.

COMPUTER PROGRAMING I / CE COMPUTER PROG. II

(10-12) Year

8683/8684

Lab Fee: \$5.00

This is a beginning through intermediate course in computer programming. This course introduces students to the computer programming fundamentals of simple control and data structures, basic operating system commands, sequential files, arrays, recursive processes and the use of text files. Students will learn to design, code, and test their own programs. Strong Math skills are required and problem solving skills will be stressed with students solving problems in the

areas of Engineering, Science, Math and Business. *This course can count as a 3rd year Math credit.* College credit for Computer Programing II only.

MOBILE DEVELOPMENT FUNDAMENTALS

(11, 12) Semester

8677

This course is designed to teach skills to develop apps for phones, tablets, and other devices that run on a variety of operating system. Students will learn core mobile development skills. Before taking this course, students should have solid foundational knowledge of the following topics: C#, Visual Studio, .NET, HTML5, SQLite, CSS, JavaScript, ASP.NET MVC, Swift, and other phone operating system tools.

ADVANCED COMPUTER PROGRAMING

(11-12) Year

8685

Prerequisite: Computer Prog I & II

Lab Fee: \$5.00

This is an advanced course in computer programming/software engineering and applications. It reviews and builds on the concepts introduced in CP I. It Introduces students to dynamic allocation of data, advanced utilization of classes, advanced GUI techniques, and advanced applications of recursion through the application of mathematical concepts. Students will develop a significantly complex program as part of a portfolio. They will also take part in a work-based learning experience.

CE COMPUTER SCI PRINCIPLES

(10-12) Semester

8676

Fee: \$ 10.00

The course places emphasis on the principles of computer science rather than just programming. Big ideas and concepts include: Computing is a creative activity. Abstraction reduces information and detail to facilitate focus on relevant concepts. Data and

(Continued)

information facilitate the creation of knowledge. Algorithms are used to develop and express solutions to computational problems. Programming enables problem solving, human expression, and creation of knowledge. The Internet pervades modern computing. Computing has global impacts.

CE WEB DEVELOPMENT 1 (10-12) Semester 8655

This course is designed to guide students in a project-based environment in the development of up-to-date concepts and skills that are used in the development of today's websites. Students will learn the fundamentals of how the Internet works. They will learn and use the basic building blocks of the World Wide Web: HTML5 coding, cascading style sheets (CSS), and JavaScript. They follow the steps to create a website by planning, designing, developing, deploying, and maintaining of the website projects. Students will learn and use different scripting technologies to create more dynamic and interactive websites. They will learn what it takes for a career in web development as they complete projects and create their own website.

EDUCATION

CE INTRODUCTION TO EDUCATION (11, 12) Semester 718

Course fee: \$30.00 WSU Admission Fee and \$15.00 course fee. Students will explore the exciting world of teaching, examine what it means to be a teacher and participate in field observations (early childhood, elementary, secondary). "Teachers of Tomorrow" is designed to introduce students to personal and professional experiences within the educational

community. **This course is a prerequisite to elementary and secondary licensure programs in the "Department of Teacher Education" at Weber State University.** Pick up a registration form from Instructor. Requires transportation to off-campus sites including Davis School District Offices and other schools within the district

CE PARA EDUCATOR (11-12) Semester 2252

This is a course via USU and the admission fee is \$55.00 plus the course fee of \$10.00.

This two-credit course is intended to teach high school youth the tutorial skills necessary to maintain and improve performance of students with disabilities. Students will learn basic instructional skills, practice delivery of instruction, and receive evaluation on the extent to which they use effective tutoring strategies. Additionally, students in this course will be taught to become advocates for people with disabilities. Participants will learn about special education legislation, confidentiality and protection of educational records, social issues driving services for children with disabilities, assessment of academic and social skills, data collection, self-determination, and demonstrating exemplary behavior as a role model for individuals with disabilities.

PEER TUTOR (10-12) Year 2252

This course is designed to provide students with opportunity to tutor, and assist students with disabilities through activities, projects, and assignments, as well as help them understand a variety of disabilities and individual circumstances.

DEBATE

DEBATE I (10-12) Semester 4240

Requirements: Student are required to compete in varied weekend competitions Oct.-March Become member of Syracuse Debate and Competitive Speech team. Students must be eligible to compete: no F's or U's and 2.0 GPA. There is a \$50 participation fee and \$20 National Forensics League Membership fee and \$20 transportation fee.

This course for students with an interest in debate and speech competition. Second Semester students continue on in debate/competitive speech or honors debate per teacher assignment.

DEBATE 2 (11) Year 4243

Prerequisite: Teacher recommendation and Debate I Requirements: Competition in weekend tournaments Oct- March Students must be eligible to compete: no F's or U's and 2.0 GPA. There is a \$50 participation fee and \$20 National Forensics League Membership fee and \$20 transportation fee.

Class is a continuation for second year debate students interested in debate and speech competition.

DEBATE 3 (12) Year 4244

Prerequisite: Teacher recommendation, and Debate 1 and Debate 2 Students must be eligible to compete: no F's or U's and 2.0 GPA. There is a \$50 participation fee and \$20 National Forensics League

(Continued)

Membership fee and \$20 transportation fee.

Competition in weekend tournaments Oct-March

This course is a continuation for third year debate students interested in debate and speech competition.

ELECTIVES

IMPACT TEAM

(11-12) Year

7860

By application/election only. See your counselor or Mr. Lewis for an application.

The purpose of the Impact Team is to use improvisational theater to reach out to people in the schools and
(Continued)

community. Improvisational theater is used in the form of socio-drama, which is based on real life experiences. We will be teaching an anti-alcohol, drug and bullying curriculum called 'Prevention Dimension' to both elementary and junior high school children.

LATIONS IN ACTION

(10-12) Year

Prerequisite: Application turned into Mrs. Reid. Interview with Mrs. Reid prior to registration.

2.0 GPA or higher.

This class is a Peer Leadership class for Latino students. It is designed to enrich the life of students by developing the following skills:

- Writing and reading
- Resume development
- Speaking, listening, interpersonal and presentation
- Work ethic/responsibility
- Time management
- Teamwork/cooperation
- Decision making/Goal setting

We will also be going to the local elementary schools during class time to tutor students who are falling behind in school.

CE SPORTS LEADERSHIP

(11-12) Semester

7865

This course is designed for those students who see themselves involved in sports at various levels when their competitive careers end. The class will help students prepare to be effective coaches, parents of athletes, or program administrators. We will discuss various topics including: marketing, ethics, character, sports psychology, communication, positive parenting, fundraising, conflict management, skill/tactics, organization, etc.

YEARBOOK STAFF

(10-12) Year

4190

Requirements: ***Application and approval of adviser**

***3.0 GPA**

***No Citizenship deficiencies**

***An advanced ability in writing**

***An interest in photography, desktop publishing, and possible leadership opportunities.**

The yearbook staff is responsible for the publication of *Mnemosyne*, the Syracuse High yearbook. Staff members complete layouts, write copy, take photographs, and create all the pages of the yearbook. Students will be required to attend school events, both during and after school to complete assignments. Attendance at yearly summer camp is suggested. (Students who attend camp may receive two WSU Communication credits).

AP DIRECTED RESEARCH

(11-12) Year

This class is intended for students taking a rigorous academic schedule with **two or more AP, CE, or online** classes. Under the direction of the teacher librarian, students engage in independent research, work on class assignments, study, or complete other academic work. This is a graded advanced class with high behavior and academic standards. Students must be self-

motivated and be able to work independently.

DRIVERS ED

DRIVERS ED / TITAN PRIDE

(10-12) Semester

7880/2400

This course is required of all students before obtaining a Utah Driver's License. The course includes four phases of the program; classroom, range, simulators, and the road training. The road training, range, and simulators will be taught before school, after school, Saturdays, and in the summer. It is anticipated that everyone passing all phases of the program will be able to obtain their completion certificates on or near their 16th birthday.

First semester is for those students who turn 16 years of age before Feb. 29 of the following year. Second semester is for those students who turn 16 years of age between March 1 and August 31 of that same year. The quarter opposite Driver's Education will be our new Transition Class, TITAN PRIDE, which will be integrated with our Driver's Education Curriculum.

It is required to have a Driving Permit to take either of these courses.

ENGLISH

ENGLISH 10

(10) Year

4100

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 understanding of vocabulary, grammar, and usage are emphasized, along with preparation

for college entrance exams taken in the junior year.

ENGLISH 10 HONORS

(AP English Prep.)

(10) Year

4103

***An introductory knowledge of Greek Mythology, and advanced writing and reading skills.**

The Sophomore Honors English Program is an intensive and accelerated study of language and world literature in preparation for the 11th and 12th grade honors programs, AP tests, and college entrance. It includes a study of vocabulary, literature, writing, and humanities.

ENGLISH 11

(11) Year

4110

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 arguments, exposition, and narrative. Emphasis is placed on the critical examination of vocabulary, grammar, and usage. Preparation for college entrance exams is also emphasized.

ENGLISH 11 HONORS

(College Prep)

(11) Year

4113

***Analytical thinking skills, good reading skills, advanced writing skills.**

The course includes a survey of American literature with emphasis on writing, research, vocabulary, and critical thinking skills. This course is preparatory to the senior AP English class.

AP ENGLISH LANGUAGE

(11) Year

4127

This course is an effective writing and an increased ability to think and read critically. AP English Language is designed to help students improve their writing so they can meet communication demands in college, on the job, and in the community as well as preparing the student for the AP exam offered during fourth term for college credit. Students who do well with this course and are successful in passing the AP Language exam are advised to take AP Literature senior year.

ENGLISH 12

(12) Year

4120

This course builds comprehension, composition, language, and critical thinking skills. The focus of study is British literature, including seminal narrative and expository texts of 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.

AP LITERATURE AND COMPOSITION

(12) Year

4128

Requirements:

***Students will be required to complete assigned reading during the summer.**

Students completing the AP English Literature course are expected to pass the AP exam. Course is designed for accelerated juniors and seniors who wish to work for college credit. Students passing the AP test will receive six credits from Utah universities. 3 of the credits will go towards waiving the English 1010 requirement. Instruction includes analytical writing skills, an in-depth study of English and Classical literature, and extensive preparation for the AP Literature exam.

CE ENGLISH 1010

(12) Semester

4125

Prerequisites:

***3.0 GPA**

***ACT English score of 21 or higher and Reading score of 21 or higher (scores must be obtained by May of junior year)**

***Three years of high school English.**

Requirements:

***90% attendance for full semester regardless of reason.**

***Commitment to meeting deadlines for work submitted.**

Concurrent Enrollment offers students the opportunity to get credit for college freshman English, or English 1010 while fulfilling the requirement for high school senior English. The curriculum is the same as freshman English classes in any college or university. Credit will transfer. The grading standards are those of a college class rather than a high school class.

CE ENGLISH 2010

(12) Semester

4122

***Passed CE ENGLISH 1010 with a C grade or better**

This course 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.

CE LITERATURE 2200

(11-12) Semester

Prerequisites:

3.0 GPA and be on track for graduation.

This is a Weber State University Concurrent Enrollment course. This class will fulfill a Humanities credit at WSU and NOT an English credit. At SHS it can either be an English or elective credit, but it will NOT replace English 101, 2010, or AP Literature. This course is an introduction provides students with an introduction to the reading and analysis of the primary genres of literature-fiction, poetry, and drama. Over the course of the semester, students will learn to read literature critically and write informed analyses of that literature.

CE COMMUNICATIONS

(12) Semester

714

Minimum 3.0 GPA requirement

Communications 2110 explores the dynamics of verbal and nonverbal communication in personal relationships and small groups. The emphasis is on practical application of course content to enhance interpersonal relationships and to achieve competence as group members.

CREATIVE WRITING I

(10-12) Semester

4146

Requirements:

***A sincere interest in writing.**

***A desire to learn and practice many different writing genres.**

***Good grammar, spelling, and punctuation usage.**

***A willingness to proofread, edits, and revises writings.**

***Participation in an evening showcasing student work.**

This course offers a combination of lessons and practice in effective creative writing skills. Students will complete a personal portfolio by the end of the second term. (Elective credit only)

CREATIVE WRITING 2

(12) Semester

4147

Prerequisites:

Creative Writing II

This course is an extension of those skills and practices learned in the beginning writing class, with an emphasis on advanced writing techniques. Students will create a portfolio during second term.

FAMILY AND CONSUMER SCIENCE

***Student leadership (FCCLA) is encouraged in many classes**

ADULT ROLES & FINANCIAL LITERACY

(11-12) Year

8419

Adult Roles is an action packed year long course that counts for your financial literacy credit, CTE credit, and/or a general elective credit. The class builds upon the basics of self-concept, decision-making to set and implement goals, values, family life and relationships, communication skills, dating, mate selection, engagement, marriage, parenting, and money management. **Students who complete the entire 1.0 course will fulfill the General Financial Literacy graduation requirement but must take the 1.0 course as the GFL standards are taught throughout the course.**

CE ADULT ROLES & FINANCIAL LITERACY

(11-12) Year

8419

Course fee: \$30.00 application fee plus \$5.00 per credit hour to Weber State University and textbook (between \$80.00-\$150.00, depending on used or new)

This course covers all of the information from ARFL with the

addition of the college curriculum from WSU's CHF 2400 course. It counts for your Financial Literacy credit toward graduation, CTE credit, and/or a general elective credit. Students will learn everything from communication and decision making skills, to dating, marriage, parenting, and family relations, in addition to the personal finance information. This course gives students a great foundation to build on in order to become successful and autonomous adults.

CHILD DEVELOPMENT

(10-12) Semester

8406

Prerequisite: None

Course Fee: \$5.00

This course provides students with an understanding of the aspects of human growth and development. Parenting skills are developed as positive guidance techniques and child-related issues are studied. Attention will focus on child development from conception to preschool age. Learning activities, observation techniques, and lab experiences in working with young children may be included. A skills certificate will be awarded to students who complete the CTE state performance objectives and the CTE state test with 80% accuracy. At the end of this course students will be qualified to take Early Childhood Education courses

EARLY CHILDHOOD EDUCATION 1A

(10-12) Semester

8444

Prerequisite: Child Development Class Fee: \$5.00

This curriculum prepares individuals for child-related careers and/or more extensive parenting skills. Instruction is given regarding standards involved with childcare, employment skills needed to work with young children, how to maintain a healthy

(Continued)

environment for children, developmentally appropriate practices (DAP) and curriculum design for young children. On-site lab experiences will be a component of the course. A skills certificate will be awarded to students who complete the CTE state performance objectives and the CTE state test with 80% accuracy

**EARLY CHILDHOOD ED. 1B
(11-12) Semester
8445**

Prerequisite: Child Development, ECE 1A

Class Fee: \$5.00

This course provides students an opportunity to work with children in a lab setting. Instruction includes: demonstrating employment skills required to work with children, maintaining a healthy environment for children, implementing developmentally appropriate practices in a lab setting, developing and implementing curriculum and developing positive relationships with children. On-site lab experiences will be a major component of the course. A skills certificate will be awarded to students who complete the CTE state performance objectives and the CTE state test with 80% accuracy.

**EARLY CHILDHOOD EDUCATION 2
(CHILD CARE CENTER)
(11-12) Semester
8446**

Prerequisite: Child Development, Early Childhood ED IA and IB

The primary focus of this class is to complete steps to apply for the Child Development Associate (CDA) credential through hands-on, on-site early child development experiences. This course prepares individuals for careers and entrepreneurial opportunities in early childhood education. Experiences include: program planning and management, resource and facility management, peer mentoring, supervising recreational and play activities, and preparing, implementing and

evaluating learning experiences for children. A skills certificate will be awarded to students who complete the CTE state performance documentation and CTE state test with 80% accuracy. Completion and documentation of this career pathway can directly support students in completing the Child development Associates (CDA) credential. This class may be repeated as students work to complete their CDA requirements. **There may possibly be a \$15.00 fee paid to state licensing for a background screening. This screening is good for one year and may be used at other childcare facilities in the state of Utah.**

**CLOTHING I
(10-12) Semester
8475**

Prerequisite: None

Course Fee: \$5.00

This course introduces students to basic sewing and pressing equipment, textiles, introductory level projects, construction techniques, and techniques for constructing edge finishes.

**CLOTHING II
(10-12) Semester
8476**

Prerequisite: Clothing I or Sports Sewing I

Course Fee: \$5.00

This course introduces students to intermediate sewing and serging techniques and reviews the types of fabric construction. Students will make intermediate level projects using correct construction techniques and will be introduced to quilting techniques which will give them the opportunity to use the industrial quilting machine.

**SPORTS SEWING
(10-12) Semester
8409**

Prerequisite: None

Course Fee: \$5.00

This course teaches students basic construction skills but is specialized to concentrate on specific fabrics or

projects such as outdoor clothing or sports clothing. The basic standards, objectives, and indicators as listed in Clothing I will be taught in this course.

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

Prerequisite: None

Course Fee: \$15.00

This course is designed for students who are interested in understanding the principles of nutrition and maintaining a healthy lifestyle. Attention will be given to the selection and preparation of food for personal health. Food Lab experiences will include the food groups from myplate.gov as well as the six basic nutrients.

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

Prerequisite: None

Course Fee: \$15.00

This course is designed for students who are interested in understanding the principles of food preparation, safety, sanitation, management and consumerism used in the home and the food industry. Nutrition principles and applications will be emphasized.

**CE FOUNDATIONS OF NUTRITION
(11-12) Semester
8479**

Prerequisite: None

Course Fee: \$30.00 **Admissions fee plus \$5.00/credit hour to Weber State University and \$140.00 Textbook.**

The standards and objectives are determined by the college or university institution, from which credit will be granted. Basic concepts of nutrition will be taught at an accelerated pace and level. Instructors must be college or university approved.

**PROSTART
CULINARY ARTS 1-2
(11-12) Year
8452/8453**

**Prerequisite: Food and Nutrition 1 & 2
Course Fee: \$15.00, plus chef coat & hat costs approx. \$25.00. Students must hold a current food handler's permit. Permits can be obtained from the Health Dept. for \$30.00.**

This course from the National Restaurant Association introduces students into the world of professional cooking. Basic communication skills, safety and sanitation, food preparation, meal planning, and other topics are taught in the ProStart 1 course. In the ProStart 2 course students will continue to be trained for employment in restaurants incorporating additional skills such as customer relations, accounting procedures, and more advanced food preparation skills. ProStart 1 and ProStart 2 will be taught on opposite years from each other. Students may sign up for the year 2 course the first year, and take the year 1 course the second year. After successful completion of year 1 AND year 2 students may earn a certificate from the NRA which will allow greater opportunities for jobs in the food service industry.

**INTERIOR DESIGN 1
(10-12) Semester
8424**

**Prerequisite: None
Course Fee: \$9.00**

This course enables students to explore their creativity in the field of interior design. Identification of the elements and principles of design are emphasized. Other topics included are floor plans, furniture arrangement, and kitchen design.

**CE INTERIOR DESIGN 2
(11-12) Semester
8426**

**Prerequisite: Interior Design 1
Course Fee: \$5.00 and additional supplies will be needed for this course.**

\$30 Admissions fee plus \$5.00/credit hour to Weber State University IF applying for concurrent enrollment.

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

**WORLD
LANGUAGE**

**CHINESE BRIDGE 1, 2, 3
4955/60/65**

Course Fee: \$5.00

This course explores Chinese history and traditional cultural values and connects their influences on the modern Chinese-speaking world. Students will utilize knowledge and language skills learned from the class to understand and discuss both ancient and modern Chinese culture and society. The language proficiency goals for this course are: use interpretive communication skills (listening and reading) to discuss familiar topics as well as some concrete social, academic, and professional topics; speak and write with some detail and in an organized way about events and experiences; and share their points of view in discussions on some complex cultural and historical issues.

**CHINESE 1
(10-12) Year
4900**

Course Fee: \$5.00

This course is an introduction to the Chinese world, its language and its people, the main emphasis is on oral skills while developing reading and writing skills. The student will be

guided in recognizing the interrelationships of language and will develop a cultural appreciation of the Chinese world. The goal for this course is that students acquire the language in the low end of the Novice-Mid range.

**CHINESE 2
(10-12) Year
4907**

**Prerequisites:
High School Chinese 1
Course Fee: \$5.00**

Chinese 2 continues to develop the oral skills with added emphasis on reading and writing skills. The focus is on the student's progressing from the low end of Novice mid to the higher end of this range. Expansion of vocabulary and grammatical structures continues. Contrast between English and Chinese will strengthen the language learning process. Cultural related activities of selected Chinese speaking countries or regions.

**CHINESE 3
(10-12) Year
4908**

**Prerequisites: Chinese 1 and 2.
Course fee: \$5.00**

This course is an expansion of Chinese 2. It is designed to provide opportunities for Chinese students to use the language in a more creative way, as they start to create meaning with the words and phrases they have acquired. During this year, students will progress to the Novice High range of proficiency.

**CHINESE 4
(10-12) YEAR
4910**

This course builds upon Chinese 3, reading, writing, character practice and speaking

**AP CHINESE LANGUAGE &
CULTURE
4940 Year**

This intensive, college level course gives students the opportunity to receive university credit by

(Continued)

successfully passing the Advanced Placement Chinese test administered in the spring. This class is conducted in the Chinese language.

**FRENCH 1
(10-12) Year
4520**

Prerequisite: None
Course Fee: \$5.00

French 1 is an introduction to the French-speaking world, its language and its people. The main emphasis is on oral skills while beginning to develop reading and writing skills. The student will be guided in recognizing the interrelationships of languages and will develop a cultural appreciation of the Francophone world. The goal of this course is to produce speakers with a novice-mid proficiency.

**FRENCH 2/ CE FRENCH 2
(10-12) Year
4530**

Prerequisites: French 1
Course Fee: \$5.00

French 2 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.

**FRENCH 3/CE FRENCH 3
(10-12) Year
4540**

Prerequisite: French 1 and 2
Course fee: \$5.00

French 3 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.

**FRENCH 4/CE FRENCH 4
(10-12) Year
4560**

Prerequisite: French 1, 2, 3
Course fee: \$5.00

French 4 is designed for opportunities beyond those offered in other languages classes. The course utilizes higher-level /critical thinking skills and focuses on the development of intermediate-high proficiency in oral skills, comprehension of French literature and history, expository composition, and expanded use of grammar and vocabulary. The focus of this course is to intermediate-high proficiency.

**SPANISH 1
(10-12) Year
4620**

Prerequisite: None
Course fee: \$5.00

Spanish 1 is an introduction to the Spanish world, its language and its people. The main emphasis is on oral skills while developing reading and writing skills. The student will be guided in recognizing the interrelationships of languages and will develop a cultural appreciation of the Spanish-speaking world. The goal of this course is to produce speakers with a novice-mid proficiency.

**SPANISH 2/ CE SPANISH 2
(10-12) Year
4630**

Prerequisite: Spanish 1
Course fee: \$5.00

Spanish 2 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.

**SPANISH 3/ CE SPANISH 3
(10-12) Year
4640**

Prerequisite: Spanish 2
Course fee: \$5.00

This course is designed to provide opportunities for the students beyond those available in the Spanish 2 class-in listening, speaking, reading and writing. It stresses the development of the student from low intermediate proficiency and aims to help with 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 and countries will be explored.

**SPANISH 4/CE SPANISH 4
(10-12) Year
4650**

Prerequisites: Spanish 3
Course fee: \$5.00

This course utilizes higher-level/critical thinking skills and focuses on the development of intermediate-high proficiency in oral skills, comprehension of Spanish literature and history, expository composition, and expanded use of grammar and vocabulary. The focus of this course is intermediate-high proficiency.

**AP SPANISH
(11-12) Year
4670**

Course fee: \$5.00

This intensive, college level course gives students the opportunity to receive university credit by successfully passing the Advanced Placement Spanish test administered in the spring. This class is conducted in the Spanish language.

HEALTH SCIENCES

HEALTH EDUCATION 2 (10-12) Semester 7150

(Required)

Health education provides opportunities for students to develop knowledge, skills, and attitudes necessary for practicing lifelong, health-enhancing behaviors. The Health 2 curriculum focuses on what students can do for themselves to meet the objectives of the six state core standards and illustrates the impact their attitudes and behaviors have on the world around them. Students will learn that they are responsible for their personal well-being and that building a solid foundation of health literacy and decision-making skills can contribute to positive health choices throughout life. In addition, they will explore the impact their personal health has on society as a whole.

INTRODUCTION TO HEALTH SCIENCE

(10-12) Year 8337

Course fee: \$10.00 for Anatomy Coloring Book

This course is designed to create an awareness of educational and career options in health science and health tech programs. Instruction includes basic anatomy and physiology, medical terminology, medical ethics, diseases and disorders. This course is highly recommended and will prepare students for the medical anatomy and physiology course (MAP) and/ or for a variety of health technology programs. Students in the Science Pathway pursuing a career in the health sciences are encouraged to take this course as a sophomore. **This course fulfills Health Ed. 2 credit (.5) and .5 CTE Credit**

BIOTECHNOLOGY

(11-12) Year 8338

**Lab Fee: \$15.00 per semester
Utah Skills Certification available.**

This course introduces you to exciting ways science is currently applying our knowledge of biology. The curriculum covers such topics as biochemistry, DNA structure, gene expression, protein synthesis, human genetic diseases, recombinant DNA strategies, as well as forensics and bioethics. You will gain many valuable, marketable skills which may launch further opportunities in fields as medicine and bio-engineering. You will perform many experiments much like those presently done in modern research settings.

CE MEDICAL ANATOMY & PHYSIOLOGY

(11-12) Year 8339

Course fee: \$10.00

WSU course fee is \$35.00.

HOSA membership encouraged

Utah Skills Certification available

Register for 2 periods for the entire academic year.

This course is a PREREQUISITE for ANY School to Careers Medical Internship This course provides a review of health technology and medical fields with opportunities for career exploration and clinical experiences in a variety of medical and health care professions. Curriculum includes detailed study of anatomy, physiology, medical terminology, pathophysiology, and medical ethics. Students also receive Utah State Office of Education CTE Skills Certification in Anatomy and Physiology course completion.

MEDICAL FORENSICS

(11-12) Year 8341

Lab Fee: \$15.00 per Semester

Utah Skills Certification available.

Prerequisite: Biotechnology

This course introduces you to the ways that science is used to solve

crimes in a realistic way. It breaks down the use of science in the field of law enforcement into the following areas: fingerprinting, trace evidence collections and crime scene documentation, hair and fiber examination, blood and blood spatter evidence, pathology of death and the use of entomology in estimating time of death, criminal psychology and profiling, forensic anthropology and forensic toxicology. Students investigate famous cases through case studies of serial killers and famous crimes. This is a hands-on lab class where students are expected to know how to conduct investigations and analyze evidence.

CE EXERCISE SCIENCE SPORTS MEDICINE

(11-12) Year 8350

Material fee of \$75.00 for curriculum materials and certifications.

HOSA membership is encouraged.

Course fee is \$15.00.

This course designed to teach students components of exercise science/sports medicine; including exploration of therapeutic careers, medical terminology, anatomy and physiology, first aid, emergency response, injury prevention principles, the healing process, rehabilitation techniques, therapeutic modalities, sports nutrition, sport psychology and performance enhancement philosophies.

CERTIFIED NURSE ASSISTANT (CNA)

(11-12) Semester- 2 periods 8343

Students enrolled in this program will learn to assist the nurse by providing and demonstrating the "hands on" care to the sick and elderly. Some skills learned include: personal care, measuring height & weight, recording vital signs and rehabilitation/ restorative services. Students will also learn how to care for cognitively impaired residents and work with mental health issues. The CNA program has a very strict attendance

(Continued)

policy that is mandated by the Utah Nursing Assistant Registry. Students may only miss 3 class periods per semester. They are also required to attend 24 clinical hours at a long-term care facility in our community. After completing the program and becoming certified, students may participate in internships and can be employed with hospitals, long-term care facilities, assisted living facilities, Drs. Offices, rehabilitation centers, and home health and hospices companies

INTERNSHIPS

WORK-PLACE SKILLS/INTERNSHIPS

**(11-12) Semester- 2 periods
8936**

Prerequisite: Application Required

Course fee: \$35.00

No F's, No U's

For all medical internships a minimum of a 3.5 GPA is required

This exciting work-based learning course prepares students to become successful employees in the work force while exploring future careers. Students can intern in a field that they are considering as a potential career. The course curriculum correlates with the student's internship experience and focuses on work-based skills and issues. The internship program is in partnership with local businesses. (Students may request a specific business.) To apply for an internship, pick up an application in the Career Center. Internships require 2 periods together. Find out what your future career is really all about.

MATHEMATICS

We suggest the TI 84 + edition. (Silver, platinum or fashion colors not necessary). These are also available to rent for \$20 per semester.

SECONDARY MATH ESSENTIALS

(10) Year

5140

By placement only

MATH DECISION MAKING FOR LIFE

(12) Year

5460

Course fee: \$10.00

This course is designed to give students a broader knowledge of the subject of mathematics. There will be some discussions about mathematical history and its evolution. Some basic skills will be mastered in basic algebra, geometry, statistics, population growth, number theory, and graph theory. Warning: This class is not a college preparatory class. If you are going to college you should take Calculus, Math 1050, Precalculus or College Prep.

SECONDARY MATH II

(10-11) Year

5140

Prerequisite: Proficiency in Secondary Math I

Course fee: \$10.00

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.

SECONDARY MATH II HONORS

(10-11) Year

5141

Prerequisite: A's or B's in Secondary I Honors

Course fee: \$10.00

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.

SECONDARY MATH III

(10-12) Year

5150

Prerequisite: Proficiency in Secondary Math II

Course fee: \$10.00

This course will build on topics learned in Secondary II and will cover topics such as probability and statistics, polynomial, rational, and radical functions, and trigonometry. Graphing calculators are required.

SECONDARY MATH III HONORS

(10-12) Year

5151

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

Course fee: \$10.00

This class is for juniors and accelerated sophomores only. This is the prerequisite course for AP Calculus. This course is a fast paced course that will really stretch students and prepare them for AP Calculus. Students who are taking this course as a junior can also take AP Statistics the same year. Please read more about these options and help your student make an informed decision. Students will need a graphing calculator for this course

COLLEGE PREP MATH

(11, 12) Year

5430

This is full year course designed to further prepare students for college math without the rigor associated with Advanced Placement level mathematics. **An Accuplacer testing fee of \$2.00 is required.**

CE MATH 1010
Intermediate Algebra
(12) Year
5245

Prerequisite: Secondary Math III and a Math ACT score of 18 or higher.

This course will be offered on our campus concurrently with Salt Lake Community College. Students will receive credit for Math 1010 (4 college Semester credits) that will be transferrable to most other state institutions. Be aware that the grade that you earn in this course will be on your college transcript along with any other concurrent enrollment classes that you have taken while at SHS. This course is intended to prepare students for college level mathematics courses. It should provide a strong algebraic foundation for any higher level math courses that the student may need. Intermediate Algebra provides the necessary background for: MATH 1030 Quantitative Reasoning, MATH 1040 Statistics, MATH 1050 College Algebra, and MATH 1090 College Algebra for Business Students.

CE MATH 1030
(12) Year
5230

Prerequisite:

Secondary Math I, II, and III
ACT Math score of 21 or higher

CE 1030 is a college math course offered by Weber State University. Students earn quantitative literacy (GE math) credit with successful completion of the course. Course topics include set theory, counting and probability, modeling with math, financial math and statistics.

CE MATH 1050
(12) Year
5250

Prerequisite: ACT Math score of 23 + or 60+ on ACCUPLACER test. Score must be in place by May. GPA of at least 3.0

This course will be offered on our campus concurrently with Weber State University. Students will receive credit for Math 1050 (4 college Semester credits) that will be transferrable to most other state institutions. Be aware that the grade that you earn in this course will be on your college transcript along with any other concurrent enrollment classes that you have taken while at SHS. The prerequisites listed below are required by WSU and we have no control over these requirements. The ACT must be taken by April of the previous year in order to qualify for the 1050 course. Students will need a graphing calculator for this course.

AP CALCULUS AB
(11-12) Year- must also enroll in AP Calculus Lab
5310

Students who successfully complete the course and pass the AP examination receive 6 semester hours of college credit at most universities and the quantitative literacy requirement is typically waived. The material included in this course is equivalent to the first calculus course in college. If a score of 4 or 5 is achieved, most universities will allow you to enter directly into Calculus 2

AP CALCULUS BC
(11-12) Year
2 Periods, 1 each day
5320

Students who successfully complete the course and pass the AP examination receive 6 – 8 semester hours of college credit at most universities and the quantitative literacy requirement is typically waived. The material included in this course is equivalent to the first two

calculus courses in college. If a score of 5 is achieved, most universities will allow you to enter directly into Calculus 3.

AP CALCULUS LAB AB
(11-12) Year
5315

This course is designed as an enrichment course to AP Calculus. It provides students with extra individual help and time to work on Calculus assignments. New material is not covered in the course. All AP Calculus students must take the lab on the day opposite their AP Calculus class.

AP STATISTICS
(11-12) Year
5330

Statistics is the study of data. This course analyzes data to find common features and departures from common features. Students who successfully complete the course and pass the Advanced Placement Examination receive 4 semester hours of college credit at most universities.

PERFORMING
ARTS / MUSIC

GUITAR
(11-12) Semester
1670

You must provide you own acoustic guitar and have a place to store it.

This is a basic entry level guitar class.

BAND LEVEL 2
CONCERT BAND (Intermediate)
(10) Year
1740

Course fee: \$35.00

This class is designed for incoming and new students at Syracuse who play a woodwind or brass instrument. **Outside of class time is required.**

**BAND LEVEL 3
SYMPHONIC BAND (Advanced)
(11-12) Year
1840**

Prerequisite: Concert Band or audition

Course fee: \$35.00

This class is designed for all woodwind and brass players. You must have completed two years in the Concert Band or be auditioned for membership. **There will be outside of class time required.**

**BAND LEVEL 3
PERCUSSION ENSEMBLE
(10-12) Year
1847**

Course fee: \$35.00 & \$95.00

This class is designed for all percussion players who wish to play in the Titan Band. **There is some outside of class time required.**

**BAND LEVEL 3
JAZZ ENSEMBLE
(10-12) Year
1848**

Prerequisite: Concert, Symphonic or Percussion

The class emphasis is on jazz techniques. Instrumentation is limited to saxophones, trumpets, trombones, bass guitar, piano, jazz guitar, and drums. Piano, guitar, drums, and bass by audition only. Students must be enrolled in either Concert or Symphonic Band or Percussion Ensemble to enroll in Jazz Ensemble, unless approved by director. *(Jazz Band meets before school)*

**AP MUSIC THEORY
(11-12) Year
1804**

The course will develop listening, sight reading, and theory knowledge and skills. Students explore aural, national and analytical aspects of musical composition. Students in this class will be prepared to take the AP music theory test.

**CHOIR LEVEL II
WOMEN'S CHOIR
(10-12) Year
1725**

This course is open to all women. It is a full year course. Curriculum is based on the state standards. Students will gain experience in vocal technique, notational literacy, productive rehearsal habits, and performance of varied repertoire. In addition, students will also explore composition and improvisation, expand music listening skills, analyze and evaluate music, and find personal, historical, and cultural connections through music. **Performances and rehearsals outside of class time are required each term.**

**CHOIR LEVEL II
MEN'S CHOIR
(10-12) Year
1726**

This course is open to all men. It is a full year course. Curriculum is based on the state standards. Students will gain experience in vocal technique, notational literacy, productive rehearsal habits, and performance of varied repertoire. In addition, students will also explore composition and improvisation, expand music listening skills, analyze and evaluate music, and find personal, historical, and cultural connections through music. **Performances and rehearsals outside of class time are required each term.**

**CHOIR LEVEL III
CARITAS (Women only)
(10-12) Year
1825**

**Prerequisite:
Audition only**

In addition to the basic curriculum listed above, this choir will represent Syracuse High School at festivals. This is an accelerated course for the dedicated choral student. **There will be extra rehearsals and performances outside of class time.** Students must maintain academic eligibility.

**CHOIR LEVEL 3
A CAPPELLA (Men & Women)
(11-12) Year
1820**

**Prerequisite:
Audition only**

It is a full year course. In addition to the basic curriculum listed above, this choir will represent Syracuse High School at festivals. This is an accelerated course for the dedicated choral student. **There will be extra rehearsals and performances outside of class time.** Students must maintain academic eligibility. Students may opt to participate in the spring music tour.

**CHOIR LEVEL 3
MADRIGALS (Men & Women)
(11-12) Year
1830**

**Prerequisite:
Audition only**

In addition to the basic curriculum listed above, this choir will represent Syracuse High School at festivals and in community performances. **This is an accelerated course for the dedicated choral student including many rehearsals and performance outside of class time.** Students are expected to register for A Cappella and Madrigals for the full year.

**ORCHESTRA LEVEL 3
(10-12) Year
1860**

Orchestra is for students who have played the violin, viola, cello, or bass for at least 3 years. There is no audition required. Students are expected to make an optional one-time purchase of our concert uniform (\$120.00 tuxedo for men, \$72.00 dress for women) that will be used for the duration of their time in orchestra. There is also a \$10.00 participation fee. Violas, cellos and basses are available to rent for a yearly fee of \$95.00. Students will have the opportunity to participate in our annual out-of-state tour in the spring, but this is not required. There are some activities held outside of

(Continued)

normal school hours such as concerts and festivals, but these will be minimal.

DANCE 1A

**(10-12) Semester
7800**

Prerequisite: Must have passed Fit for Life

Course fee: \$10.00

Dance 1 focuses on learning the basic dance skills such as movement qualities, time, space and energy. Students will participate in a variety of dance forms, however there is an emphasis on modern/improvisation. In order to give students an experience in several types of dance, ballet technique, jazz, hip hop and some character dance will also be taught.

CE DANCE 2A

**(11-12) Semester
7816**

Course fee: \$10.00

CE Dance is an introduction to dance providing a knowledge base from which to experience dance from a variety of viewpoints: historically, culturally, aesthetically, critically, and creatively. This course takes a close-up look at the rules, messages, and meanings embodied in dance around the world. Open to all students. This is a concurrent enrollment class taught through Weber State University.

SOCIAL DANCE

**(11-12) Semester
7830**

Prerequisite: Must have passed Fit for Life.

Fee: \$10.00

This course is an introduction to American Social Dance with various contemporary and time-honored dances enjoyed by people of all ages. Students will be exposed to basic musical structure, social protocol, proper posture, and partnering techniques while learning social dances include the Salsa, Swing, Tango and more. **Enrollment is**

limited. Only one semester may be taken during one school year.

THEATRE LEVEL III

**(10-12) Semester
4255**

Fee: \$10

A class designed for the beginning student of Theatre. The basic fundamentals of Theatre are introduced. Topics covered include but are not limited to: Movement, Voice and Diction, Broadway, Theatre History, Play writing, and Improvisation. Students should be advised this is a group performance based class. Individual rehearsal time is given, and students must be able to self-motivate and make strong use of the available rehearsal time given to them. Students are also required to see live theatre performances outside of class time.

THEATRE LEVEL IV

**(10-12) Semester
4256**

Fee: \$10

While no prerequisite of Theatre 1 is needed, students will be studying Theatre on a deeper, more individualized level than in Theatre 1. Play analysis and character analysis are introduced and studied in depth. Strong emphasis will be on early Theatre History including Greek and Asian Theatre through Elizabethan Theatre. Students must be willing to perform in front of peers in both a group and individual setting and demonstrate an appreciation for all areas of theatre. Students are required to see live theatre performances outside of class time.

THEATRE LEVEL IV

**(Film Study)
(11-12) Semester**

4258

Fee: \$10

This is an in depth course regarding the history of Cinema. Study will be on a selected list of films, film making, film genre, and the effects of Cinema on Society as a whole. Films will be viewed in class and evaluation will be

written as well as discussion based. Students should be able to evaluate films individually to contribute to class discussion. Students will be asked to see current films outside of class time.

CE THEATRE 1010 (Play reading) (11-12) Semester

4257

Fee: \$10.00

This is a college level Theatre class.. As a part of this class students will study theatre from a very analytical and theoretical standpoint. Topics that will be covered include terminology, theatre history and genres, design, and in depth study of both classical and modern theatrical works. Many pieces of theatre and plays students will read and study in this class are of a mature nature in their content. This includes class discussions. THERE ARE NO ADJUSTMENTS that can be made to the curriculum and NO ALTERNATE assignments given in order for students to receive the college level credit for the course.

PRODUCTIONS 1/2

**(10-12) Semester
4260/4265**

Audition Only

Class Fee: \$50.00

This class is a select group of students open to all sophomores, juniors, and seniors which produce a school musical and play. Students will be worked rigorously in acting, singing and dancing. Students within these classes are expected to work on all aspects of the production process. Students may audition for one or both semesters. Rehearsals will also include outside of class time, as well as weekends and a commitment contract is signed at time of audition.

STAGE CRAFT

**(10-12) Year
4290**

***Permission of Instructor**

***Fee: \$10**

This is a course in technical theatre. Students gain a working knowledge of

(Continued)

the stage facilities including public address systems, lights, sound and miscellaneous operations and will assist in their operation during rehearsal and performance of School Plays. Students are responsible for design and production of scenery for Theatre productions. This course requires some out of school time participation. Students must complete an application with teacher before registration will be allowed.

PHYSICAL EDUCATION

FITNESS FOR LIFE

(10-12) Semester
7710

REQUIRED FOR GRADUATION

Course fee: \$5.00

Fitness for Life is an individualized, concepts-based, one-semester course designed to give students the knowledge and skills necessary to self-assess, create, conduct, evaluate, and redesign personal fitness programs. It is required of all students and there are no substitutions, including participation in athletics. The course is a combination of classroom and activity-based learning activities with a focus on proper nutrition and the mastery of skills and concepts necessary for students to become accomplished monitors of their personal fitness. Through participation, students learn to compare the fitness benefits in a variety of individual and team activities. Fitness testing is used to establish individual baseline levels for designing fitness programs, to show improvement, and to provide students with personal information. Scores on fitness tests are not used as the primary or only measure of success in *Fitness for Life*. The *FitnessGram* and the *Presidential Physical Fitness Tests* are recommended for use in this class.

Teachers guide students to make individual decisions about their personal programs and to develop positive attitudes and behaviors toward proper nutrition and fitness activities.

LIFETIME ACTIVITIES – TEAM SPORTS

(11-12) Semester
7720

Prerequisite: Must have passed Fit for Life.

Course fee: \$5.00

Students will acquire skills in a variety of lifetime activities that contribute to sustained fitness and well-being. These skills and activities offer positive ways to cope with stress and contribute to the quality of life not only as a student, but as a future adult. Some of these activities will include basketball, badminton, softball, flag football, and soccer.

LIFETIME ACTIVITIES – RACQUET SPORTS

(11-12) Semester
7720

Prerequisite: Must have passed Fit for Life

Class fee \$5.00

Students in this one semester course will acquire skills in a variety of lifetime activities that contribute to sustained fitness and well-being. These skills and activities offer positive ways to cope with stress and contribute to the quality of life not only as a student, but as a future adult. Some of these activities will include badminton, tennis, pickle ball, table tennis. This course offers students a more in-depth opportunity in each activity that will help students improve their knowledge and skill.

BODY CONDITIONING

(11-12) Semester

7785

Prerequisite: Must have passed Fit for Life

Course fee: \$5.00

This course offers weight training to beginners, intermediate, and

advanced students. Running programs, plyometrics and conditioning routines will be provided and added to daily activities. This will be a semester class in which elective credit will be given. This is a course provided for all students.

YOGA

(11-12) Semester
7795

Prerequisite: Must have passed Fit for Life

Course fee: \$5.00

Yoga seeks to unite your physical, mental, and spiritual self. Students will be working with the body through asanas (poses), breathing, and relaxation. Yoga can be viewed as a course in fitness training, sport therapy, lifestyle enrichment, and stress reduction.

ADVANCED TEAM CONDITIONING

(10-12) Semester

7750

Course fee: \$5.00

4th period: A conditioning class for students who will be participating in girls' basketball, wrestling, or girls' soccer. Permission from head coach of your sport is required.

8th period: A conditioning class for students who will be participating in track, swimming, tennis, softball, boys' soccer, boys' basketball. Permission from head coach of your sport is required.

CHEERLEADERS

(10-12)

7950 Year

***Students enrolled are admitted from the results of spring tryouts.**

DRILL TEAM

(10 – 12) Semester

7840

AUDITION ONLY IN THE SPRING Dancers CAN audition & participate in both Drill & Dance Company if selected.

This is a specially selected precision dance-drill group open to selected sophomores, juniors, and seniors.

DANCE COMPANY

(10-12) Year

7825

AUDITION ONLY IN THE SPRING

Dancers CAN audition & participate in both Drill & Dance Company if selected.

This is a specialty dance group open to selected sophomores, juniors, and seniors. Dance Company focuses on the artistic side of dance. Emphasis placed on dance technique as well as choreography skills. The culmination of Dance Company ends in a spring concert comprised of student and guest choreography. Class is 8th period for a full year.

FOOTBALL Team Conditioning

(10-11) Year

(12) 1st semester

7765

Course fee: \$5.00

This class is for athletes participating in football. It is designed to improve muscular strength, endurance, flexibility and cardio-vascular fitness. Football Team conditioning sophomore year will cover the Fitness for Life graduation requirement if the student is in the class and meets the requirements for the entire year.

RELEASE TIME

RELEASED TIME / SEMINARY

(10-12)

8500

Students will be placed in this released time course in concert with registration through their respective religious affiliation.

SPECIAL EDUCATION SERVICES

The courses listed in this section are open only to qualified special education students. You must be approved by an IEP Team to register for these classes.

APPLIED LANGUAGE ARTS

(10) 4104

(11) 4115

(12) 4126 Year

This course is designed to provide students with the basic reading and writing strategies through core curriculum content, as well as help them prepare for life after high school and understand that writing is an integral part of their everyday lives.

APPLIED MATH 1B

(10) 5063

APPLIED MATH 2A

(11) 5064

APPLIED MATH 2B

(12) 5065 Year

This course is designed to provide students with basic algebraic math concepts through a detailed scope and sequence, as well as help them prepare for life after high school and understand that math is an integral part of their everyday lives.

APPLIED READING

(10-12) Year

4142

This course is designed to provide student with basic reading and comprehension strategies through a variety of reading material, as well as help them prepare for life after high school and improve their general reading and comprehension skills.

APPLIED READ 180

(10-12) Year

4144

This course is designed to provide students with moderate reading and comprehension strategies through group discussion, independent reading, and a Read 180 computer program, as well as help them prepare for life after high school and improve their general reading and comprehension skills.

APPLIED SKILLS

(10-11) Year

1003

Applied skills teaches students with disabilities essential skills needed in

order to prepare them to be successful in high school. It also gives them an opportunity to learn and implement transition skills and an opportunity to work on homework assignments.

DIRECTED STUDIES

(11-12) Year

1000

Course fee: \$10.00 refundable deposit is required for this class.

This course is designed to provide students with an opportunity for credit recovery through course curriculum packets, as well as help them prepare for graduation. For referral and eligibility information, contact case managers, students who do not meet eligibility requirements will be removed from this program. Student Contract requirements must be met before credit will be issued. Credit will be given on a Pass/ Fail bases ONLY.

APPLIED SKILLS/TRANSITION

(12) Year

1001

This course is designed to provide students with opportunities to select and connect to the setting of their choice after school through transition curriculum, as well as help prepare them for life after high school and a post high school experience.

LEARNING CENTER

This placement is open to qualified special education students ONLY.

FUNCTIONAL SKILLS UNIT

This placement is open to qualified special education students ONLY.

SCIENCE

BIOLOGY

(10-12) Year
3520

Lab Fee: \$10.00

General Biology is a Core laboratory science that exposes students to topics in ecology, cellular chemistry and function, heredity and genetics, diversity of life, and change through time. Students will be prepared for the state SAGE test given in May.

BIOLOGY/ AGRICULTURE SCIENCE

(10-12) Year
8153

This course satisfies the core Life Science requirement for graduation. It meets the state standards and objectives for Biology with application in agriculture. The scientific process is learned and practiced in the classroom, laboratory, and in the field.

AP BIOLOGY

(11-12) Year
3524

Lab Fee: \$10.00

This course is to prepare students for the AP Biology test. Students are expected to perform and participate at a higher level than other biology classes, including extra reading, and responsibilities outside of class time. Students should be prepared to apply themselves and work hard to pass the AP Biology Test. Among the subjects covered at a college level are biochemistry, cells, evolution, genetics, and ecology.

AP ENVIRONMENTAL SCIENCE

(10-12) Year
3820

Lab Fee: \$10.00

AP Environmental Science will provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural

and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary and embraces a wide variety of topics from different areas of study.

CHEMISTRY

(10-12) Year
3620

Pre-requisite: Algebra 2 or Secondary Math II

Lab Fee: \$10.00

This is an introductory course that studies atoms, their structure, and interactions. Applications of chemistry to real life will be presented throughout the year. Concepts presented in class will be reinforced through laboratory work. Chemistry instructors are correlated to the same curriculum and grading scale and will prepare students for the state ASPIRE test in May.

CE CHEMISTRY 1110 & LAB

(11-12) Year
3628/3629

Pre-requisite: Completion of Secondary Math I & II

Required: \$10

\$25 payment for WSU credits:

Chemistry 1110 (5 credit hours).

Student will also need to purchase the required textbook.

This is a college level course. This grade will be on a college transcript. This course will introduce general and some organic chemistry to students in nursing, engineering technology, and some other fields of science and health professions, this also includes some biochemistry.

PHYSICS

(10-12) Year
3640

Lab Fee: \$10.00

Students will learn and master problem solving techniques and apply scientific methods with such topics as motion, Newton's laws, energy, conservation laws, gravity, waves, light, sound, and electrostatics. This

course is intended to develop creativity and critical thinking skills through reformed science education practices which include, but not limited by, both model-based inquiry labs as well as labs that explore each of the aforementioned topics.

With these skills, students learn to discover patterns and relationships in nature, and search for reasons **why (cause & effect) things happen as they do in our physical universe**. This will ultimately lead to students further developing a sense of curiosity and wonder about the universe. Math will be used primarily as a tool with our emphasis on qualitative, pictorial and graphical reasoning.

AP PHYSICS 1

(10-12) Year
3645

Lab Fee: \$10.00

AP Physics 1 covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It also introduces electric circuits and electrostatics. This course is the equivalent of a first-semester college course in algebra-based physics, but it is designed to be taught over a full academic year to enable AP students to develop deep understanding of the content and to focus on applying their knowledge through inquiry labs.

AP PHYSICS C-CALC A/B

(11, 12) Year
3645

Lab Fee: \$10.00

Emphasis is placed on the understanding of concepts and skills that are used to solve problems. Laboratory work is an important part of this class. Eligible students would be those who have completed calculus or who are concurrently taking calculus.

ASTRONOMY

**(10-12) Year
3950**

Class fee \$10.00

In this course students will explore the origins of the universe, black holes, alien planet habitability, supernovas, comets, and other stellar objects in and around our own solar system.

BOTANY (SEM 1)/ ZOOLOGY (SEM 2)

**(10-12) Year
3900/3875**

Prerequisite: Biology

Lab fee: \$10.00

Botany:

Students will learn how plants grow and function by looking specifically at woody plants; they will be exposed to all types of plants, but using woody plants as a touchstone to explore the highly varied world of plants. They will learn about the basic tenets of biology while looking at specific examples in dendrology.

Students will explore the major phyla of kingdom Plantae, learn how to identify various common woody plants in the neighborhood, how they work, and how they interact with the environment around them. The will learn about water transport, weather management, and nutrient balancing. If grant money can be acquired and appropriate permissions obtained, they will learn how to plant and care for a tree as a class.

Zoology:

Students will learn about biology through the lens of animals, specifically birds; they will revisit the basic tenets of biology (evolution, ecology, anatomy, physiology, cell theory, genetic theory) by studying the 28 orders of birds extant in the world; the goal will be to solidify basic understanding of biology while simultaneously exploring how those basic principles of biology are applied and used in the natural world. Students will also learn how to identify birds found in Syracuse, Utah. Identification is an important first

step to understanding, and thus sets a foundation for the other topics in class. On the majority of weeks, at least one class period will be spent outside to get some hands on experience with ornithology; the vast majority of these will be confined to school grounds or locations close enough to the school to enable being able to return to the school before the next class period.

SKILLED AND TECHNICAL SCIENCES

*SKILLS USA membership is
encouraged for all classes*

AUTO 1 (CE)

**(10-12) Semester
8802**

Lab Fee Required: \$10.00

Weber State University credit may be obtained from this class. Apply for admissions to WSU, \$30.00 and then pay the course fee of \$15.00.

This is beginning course designed around the owner-operator of an automobile. This class will discuss the basic automotive systems and how they relate to one another. Topics will include: Shop Safety, automotive careers, tools and their usage, automotive math and measurements, vehicle systems and parts, service information, vehicle maintenance and service, tires/wheels and basic electrical systems. Students will be expected to participate in both the classroom and shop discussions and activities. Students desiring to continue on with the Advanced Automotive program will need to demonstrate that they have understood the concepts presented in this course by maintaining a course score of at least 75%, or better, throughout the Semester, and not received any U's in Citizenship in this course.

AUTO 2 (CE)

**(11-12) Year
8803**

Lab Fee Required: \$20.00

Weber State University credit may be obtained from this class. Apply for admissions to WSU, \$30.00 and then pay the course fee of \$25.00.

Prerequisite: This is a full year class for those student that have demonstrated an understanding throughout the Semester of the basic concepts covered in Introduction to Automotive Technology with a 75% achievement, or better, and no U's received in citizenship in the Introduction to Automotive course. Students with "U"'s in citizenship will be expected to work them off so that they can fully participate in all the opportunities that will be available to them throughout the year.

This course will explore Brakes, Steering/Suspension and Manual Drivetrain systems. Students will have to pass an industry standard safety certificate program at the beginning of this course as a requirement to enter the shop facility. Brakes will be covered in great detail with several hands on lab experiences. Some of the brake topics will include basic hydraulics, booster, drum brake components, disc brakes, bleeding brake systems, proper adjustment and resurfacing of brake drums and rotors. Brake topics will also include modern brake systems such as Anti-lock Brake systems, Traction Control Systems and Stability Control Systems. Steering and Suspension will include such topics as basic suspension/steering components, how basic hydraulics apply to both, parts, system and component identifications, lab work in proper removal and installation of all these components and finishes up with Alignment basics and adjustments. Modern suspension and steering systems will include computer

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controlled system theory and operation. Manual Drive train systems will include topics such as basic maintenance and adjustments of clutch pedal linkages, cables, automatic adjusters and springs, basic hydraulics of the clutch system, bleeding the hydraulics, inspection of drivetrain components and driveshaft. Students desiring to continue on with the Maintenance and Light Repair program will need to demonstrate that they have understood the concepts presented in this course by maintaining a course score of at least 75%, or better, throughout the Semester and not received any U's in Citizenship in this course.

AUTO 3 (CE)

(12) Year

8804

Two period Block class

Lab Fee Required: \$40.00

Weber State University credit may be obtained from this class. Apply for admissions to WSU, \$30.00 and then pay the course fee of \$15.00.

Prerequisite: This is a 2 period full year course for those students that have demonstrated an understanding of the basic concepts covered in Introduction to Automotive Technology I (Auto 1) and the Automotive Technology II (Auto 2) course with a 75% achievement, or better, and no U's received in either of those classes. Students with "U"s in citizenship will be expected to work them off so that they can fully participate in all the opportunities that will be available to them throughout the year.

HVAX Theory and operation as well as service checks and vehicle maintenance.

WOODWORKING

(10-12) Year

8860

Lab Fee: \$10.00

This course will explore Basic Electrical and Electronic Systems in Modern Vehicles, Engine Performance, Automatic Transmission

Theory and operation and Heating/Ventilation/Air/Conditioning system theory and operation with a functional test and maintenance goal. Auto III will have a more hands-on approach to automotive repairs. Students will be given opportunities to do actual vehicle repairs on a wide variety of automobiles. Students will be graded on their abilities to perform repairs and other assigned tasks. Course study will include electrical systems and operation theory/diagnostics and testing. Engine performance will include modern automotive technology of OBDII systems operation and diagnostics. Theory and operation of Automatic Transmission and the basics of servicing of them. HVAC Theory and operation as well as service checks and maintenance.

FURNITURE MANUFACTURING

(11-12) Year

8861

Lab Fee: \$10.00 per semester

Prerequisite: Woodworking

This is the second instructional course in a sequence of courses that prepare individuals to apply technical knowledge and skills to design and construct furniture design projects, assemble and finish furniture articles, repair furniture; and stresses the safe use of a variety of hand and power tools and machinery.

CONSTRUCTION TRADES

(10-12) Semester

8744

La Fee: \$10.00

This course generally prepares individuals in the following areas: basic safety, construction vocabulary, introduction to blueprint reading, introduction to power tools, introduction to hand tools, and introduction to construction math. It includes an industry overview and what to expect when working on the job. It is designed to allow for a replica house building on a ¼"=1'-0' scale.

CONSTRUCTION MANAGEMENT 1

(10-12) Semester

8741

This is the first in a sequence of courses that prepares individuals to enter the construction industry. This course is designed to allow for scaled model construction with an emphasis on the structural wall, floor, roof, and building envelope of commercial construction.

CONSTRUCTION MANAGEMENT 2

(10-12) Semester

8742

This is the second in a sequence of courses that prepares individuals to enter the construction industry. This course is designed to allow for scaled model construction with an emphasis on site preparation and foundation work for residential and commercial construction.

CARPENTRY 1 & 2

(11-12) Year

8745/8756

Purchase of some hand tools required.

In this class a house is actually built by the students and the instructor. This course is designed to give students a practical experience in residential construction. The skills taught are blueprint reading, job site and tool safety, concrete work, framing, roof construction, shingling, drywall, deck construction, finish carpentry, tile installation, hardwood flooring, and carpet laying. Students are encouraged to take the class for two or more periods. Students are required to have some hand tools. Class is off campus, and transportation must be arranged by the student and parents.

TECHNOLOGY & ENGINEERING

TSA Club enrollment is encouraged for all classes

INTRODUCTION TO ENGINEERING DESIGN (CE)

(10-12) Year
8637

Lab Fee: \$10.00

WSU Concurrent Enrollment is available for 10, 11 & 12 grade students.

National Certified test is available.

IED is an introductory course which develops student problem solving skills, with emphasis placed on the development of 3-D solid models. Students will work from sketching simple geometric shapes to applying a solid-modeling computer software package. They will learn a problem-solving design process and how it is used in industry to manufacture a product. The Computer-aided Design system (CAD) will also be used to analyze and evaluate the product design. Students will be exposed to the techniques learned and equipment used by engineers throughout the United States.

ROBOTICS AND AUTOMATION

(10-12) Year
8631

Lab Fee: \$10.00 per semester

TSA Club enrollment is encouraged.

Prerequisite: Introduction to Engineering. Can be taken consecutively.

Robotics and Automation offers students the chance to combine building skills with computer programming skills. In this course, students will learn a form of C programming language in order to operate the robot. Students will learn how to utilize input and output signals to control their robot. Students will have the opportunity to program autonomous and driver control of the robot.

PRINCIPLES OF ENGINEERING (CE)

(11-12) Year
8638

Lab Fee: \$10.00

National Certified test is available.

Prerequisite: Introduction to Engineering

This "hands-on" course was developed by engineers in a combined effort known as Project Lead the Way (PLTW) for the purpose of channeling more skilled individuals toward the high demand world of engineering. This course introduces students to the various technology systems and manufacturing processes. Students learn how engineers use math, science, and technology to solve problems that benefit humankind. All of the information in this course can be applied to the design of robotic function. This course guides students toward the discovery, use and development of creative thinking and inventing.

COMPUTER INTEGRATED MANUFACTURING

(11-12) Year
8614

Lab Fee: \$10.00 per semester

Prerequisite: Intro to Engineering and Principles of Engineering (POE).

POE can be taken consecutively.

National Certified test is available.

CIM applies principles of rapid prototyping, robotics, and automation. This course builds upon the skills learned in the previous engineering courses. Students will use computer Numerical Controlled equipment to solve problems by constructing actual models of 3D designs. Students will evaluate their designs solutions using various techniques of analysis and make appropriate modifications before producing their prototype.

ENGINEERING DESIGN & DEVELOPMENT (CE)

Capstone Course
(12) Year

Lab Fee: \$10.00 per semester

Prerequisite: Principles of Engineering and Computer Integrated Manufacturing (CIM).

CIM can be taken consecutively.

National Certified test is available.

The knowledge and skills students acquire throughout PLTW Engineering come together in EDD as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, completing EDD ready to take on any post-secondary program or career.

SOCIAL STUDIES

WORLD CIVILIZATIONS

(10) Year
6240

This survey class is required of all sophomores to complete their graduation requirements. The course is a series of two sections; one consisting of Ancient History (pre-history to 1500 A.D.), the other, Modern History (1500 A.D. to present). Both sections focus on economic, political, religious, and social system that shaped historical events and are designed to provide students with the knowledge and skills necessary to analyze and deal critically with issues today. An emphasis will be placed on basic writing skills for Social Studies.

AP WORLD HISTORY

(10) Year
6245

Students will explore key themes of world history, including interaction with the environment, cultures, state-building, economic systems, and

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social structures, from approximately 8000 B.C.E. to the present. Students will also learn to apply historical thinking skills including the ability to craft arguments from evidence; describe, analyze and evaluate events from a chronological perspective; compare and contextualize historical developments; and analyze evidence, reasoning and context to construct and understand historical interpretations.

U.S. HISTORY 2

(11) Year

6250

This course devotes attention to the basic geographic, economic, social, political, and historic developments in the United States with particular emphasis on the events following to Reconstruction era and the westward movement. The course helps students to develop an understanding of the Constitution, the American system of government, the American legal system and an appreciation for the major ethical considerations supported by American society over time. Students will identify ways to solve problems, make decisions, and participate as an effective citizen of the United States, while developing basic skills of historical interpretations, research, analysis, and writing skills.

AP AMERICAN HISTORY

(11-12) Year

6254

AP U.S. History is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the issues and materials of American history and will also prepare them for the challenges inherent in college courses. It is a rigorous course that requires substantial reading comprehension and writing. The skills that will be developed include the ability to research, reason, analyze, and to develop clear, persuasive arguments in an essay format. College credit

may be available based upon achievement on the AP test.

CE AMERICAN HISTORY 1700

(11-12) Year

6261

An Analysis of American Civilization that traces social, economic, and political developments in the United States. Students are responsible to obtain their own textbook chosen by the University. May be taken to complete the American Institutions requirement with a university (grade of C or better required). **Daily reading and study, outside of class, is required.** Successful completion of the class will also fulfill the high school graduation requirement for U.S. History 2.

U.S. GOVERNMENT & CITIZENSHIP

(11-12) Semester

6275

This course now required for all students and is designed to help further students' knowledge of American Government and Civic responsibilities. Students will study in depth the U.S. Constitution, major Supreme Court cases, Civic responsibility, politics and the three branches of Government.

AP COMPARATIVE GOVERNMENT & POLITICS (Taken together with AP US GOVERNMENT AND POLITICS)

(11-12) Year

6364/6374

The AP Comparative Government semester course allows students the opportunity to study and compare economic/political challenges, trends and upheavals, and institutional characteristics across six nation states: China, Great Britain, Iran, Mexico, Nigeria, and Russia. Students will use the comparative method to analyze and assess the diversity of political life, institutional alternatives, differences in processes and policy outcomes, and the impact of global political and economic changes.

Students will develop analytical skills necessary to develop a framework to compare modern political systems and understand their interaction in a global environment.

The AP US Government semester course allows juniors and seniors the opportunity to study the American political system and government, and related political institutions, ideas, and philosophies. Students will develop analytical skills necessary to deal with the critical issues and materials of our Government system, preparing students for the rigor to pass the AP Exam.. Students will cover topics such as the U.S. Constitution, Political Parties, Major Supreme Court Cases, Civic Responsibility, the Executive, Judicial and Legislative Branches of Government. **This class is a rigorous course with substantial reading and writing.**

CORE ELECTIVES

PSYCHOLOGY

(11-12) Semester

6320

This is a semester course designed for juniors and seniors to provide an insight into the complexities of human behavior and the process of the mind. Topics include, but are not limited to, theories of psychology as a science, learning, and memory. Emphasis is placed upon improvement of communication skills, an understanding of the processes of human behavior, and mental process.

CE SPORTS PSYCHOLOGY

(11-12) Semester

6325

This course explores the mental and psychological factors that affect athletic performance. You will learn tools you can directly apply to your own performance to achieve excellence in your sport. The course curriculum will include Mental Toughness, Dealing with Anxiety and Pressure, Getting Psyched Up, Mental

(Continued)

Conditioning, Motivation, Visualization and Imagery, Relaxation, Goal Setting, Avoiding Choking, Attitude, Positive Thinking, Focus, and Leadership. Most of the assignments will involve you applying what you learn to your own training in your own sport.

**AP PSYCHOLOGY
(11-12) Year
6324**

This is a college level course for juniors and seniors and will cover the material traditionally covered in the introductory psychology course. Topics include, but are not limited to, theories of psychology as a science, learning, and memory. Instruction will aid the students by developing and emphasizing writing skills, critical thinking, and creating a knowledge base to successfully complete the AP test. College credit may be available based upon achievement on the AP test.

**SOCIOLOGY
(11-12) Semester
6340**

This course is devoted to the study of human society. Sociology provides juniors and seniors with the insight into their own social background and the community in which they live. Topics may include, but are not limited to, socialization, the family, deviance, social class, race and gender. Sociology is a limited course offering.

**STUDENT
GOVERNMENT**

**STUDENT GOVERNMENT
2300**

Campaign, Election, Application, and/or Interview only

MAGNET COURSES

These courses are provided at other school locations in Davis District. Students will be expected to provide their own transportation to the various sites.

**Must coordinate with your counselor before the beginning of school.*

**8174 Vet Assisting (8th period)
CHS**

**650 Aerospace ROTC 1 & 2
CHS & NHS**

**8878 Private Pilot (8th period)
CHS**

EARLY COLLEGE

Attend college in high school. For more information, see web site: www.weber.edu/earlycollege

**WEBER STATE UNIVERSITY
720 (10 – 12)**

DATC

- 8822 Arch & Eng. Design (CAD)**
- 8509 Bus. Technology**
- 8792 Comp. Materials**
- 8707 Cosmetology/Barbering**
- 8724 Culinary Arts**
- 8303 Dental Chairside Assisting**
- 8790 Diesel/Heavy Duty Tech**
- 8656 Web Design**
- 8646 Information Tech**
- 8845 Machinist Tool Tech (CNC)**
- 8330 Medical Office/Assisting**
- 8814 Motor Sports Repair**
- 8709 Nail Technician**
- 8342 Nurse Assist. (CNA)**
- 8333 Pharmacy Tech**
- 8775 Plumbing**

- 8690 Cybersecurity**
- 8707 Cosmetology/Barbering**
- 8710 Esthetician**
- 8796 Automation Technology**
- 8805 Automotive Technician**
- 8851 Welding**
- 8884 Plastic Injection Molding**

IVC COURSES

Limited enrollment. Contact Mr. Pendleton for more information.

**CE US GOVERNMENT
6277
(12) Year**

**CE AMERICAN SIGN LANGUAGE
4850
(11-12) Year**