

# SYRACUSE HIGH COURSE CATALOG

2025-2026

**SYRACUSE**  
**TITANS**





# Table of Contents

[Graduation Requirements](#)

[Agriculture](#)

[Art](#)

[Business](#)

[Financial Literacy](#)

[Information Technology](#)

[Education](#)

[Humanities](#)

[Other](#)

[Drivers Education](#)

[English](#)

[Family and Consumer Science](#)

[World Language](#)

[Health Sciences](#)

[Internships](#)

[Mathematics](#)

[Performing Arts/Music](#)

[Physical Education](#)

[Release Time](#)

[Special Education Services](#)

[Science](#)

[Skilled and Technical Education](#)

[Technology and Engineering](#)

[Social Studies](#)

[Student Government](#)

[Davis Technical College](#)

[Magnet Courses](#)

[Concurrent Enrollment](#)



# GRADUATION REQUIREMENTS

Students wishing to graduate must earn at least twenty-seven (27.0) total credits in grades nine through twelve.

**Subject**

**Credit Required**

<b>ENGLISH</b>	<b>4.0</b>
<b>MATHEMATICS</b>	<b>3.0</b>
<b>SCIENCE</b>	<b>3.0</b>
<b>SOCIAL STUDIES</b>	<b>3.0</b>
<b>FINE ARTS</b>	<b>1.5</b>
<b>PHYSICAL EDUCATION</b>	<b>1.0</b>
<b>CAREER AND TECHNICAL EDUCATION</b>	<b>1.0</b>
<b>FIT FOR LIFE</b>	<b>.5</b>
<b>GENERAL FINANCIAL LITERACY</b>	<b>.5</b>
<b>DIGITAL STUDIES</b>	<b>.5</b>
<b>HEALTH</b>	<b>.5</b>
<b>ELECTIVES</b>	<b>8.5</b>

## CITIZENSHIP REQUIREMENT

Each student is required to earn thirty-five (35.0) citizenship credits in grades 9-12. All “U” (unsatisfactory) citizenship marks must be made up prior to graduation. \*\*\*Students must pass the citizenship test – given during U.S. Government\*\*\*

# AGRICULTURE

All Agriculture classes may require the following:

- FFA membership encouraged (dues \$15.00)
- Utah Skill Certification Available

## **BIOLOGY/ AGRICULTURE SCIENCE (7145)**

**(10-12) Year**

Students will develop knowledge and skills in a wide range of scientific principles, including genetics, anatomy, physiology, nutrition, disease, pests, and management practices. The scientific processes of observation, measurement, hypothesizing, data gathering, interpretation, analysis, and application are included. Career opportunities and educational preparation are examined. Learning activities are varied, with classroom, laboratory, and field experiences emphasized.

## **ANIMAL SCIENCE (7131)**

**(10-12) Year**

Students will develop knowledge and skills in a wide range of scientific principles, including genetics, anatomy, physiology, nutrition, disease, pests, and management practices. The scientific processes of observation, measurement, hypothesizing, data gathering, interpretation, analysis, and application are included. Career opportunities and educational preparation are examined. Learning activities are varied, with classroom, laboratory, and field experiences emphasized.

## **FLORICULTURE & GREENHOUSE MGMT. (7151)**

**(10-12) Year**

Greenhouse management is designed to help students develop a basic understanding of plant Sciences, growing and maintaining plants and marketing plants. This will include plant identification, proper seeding techniques, watering and maintaining plants in the greenhouse. Students will engage in many activities, hands-on units of instruction which immerse the students into the basics of running a greenhouse.

## **CE PLANT AND SOIL SCIENCE (7161)**

**(11-12) Year**

Students will engage in many activities and hands-on units of instruction which immerse the students into the basics of the crop production and plant sciences. Students will develop a foundational knowledge of the following subjects: FFA, SAE, Plant classification, identification, anatomy and physiology. Students will learn about soil sciences, cell structure, growth and plant reproduction. An introduction to the floral industry and the greenhouse industry will also be taught with plant production.

*\*WSU concurrent enrollment fees apply.*

# ART

## **AP STUDIO ART 2D (2126)**

**(11-12) Year**

**Course Fee Applicable + 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.

### **CE ART HISTORY 1010 (2132)**

**(11-12) Semester**

**Course Fee Applicable**

**Prerequisite: 3.0 GPA**

This class is a college level course that investigates art works from the past and present. Students will learn to critically analyze works of art within diverse historical and cultural contexts. Participation through presentations and discussions is emphasized coupled with corresponding art projects. This course provides insight into the values and concerns of various peoples and the artwork they created.

*\*WSU concurrent enrollment fees apply. 3.0 GPA Required.*

### **CE ART 1030 STUDIO ART (2130)**

**(11-12) Semester**

**Course Fee Applicable**

A general education course for the non-art majors desiring to broaden their academic background in visual literacy that includes a series of hands-on art experiences (such as drawing and sculpture). Class discussion draws from the disciplines of art history, art criticism, and aesthetics through visual presentations.

*\*WSU concurrent enrollment fees apply. 3.0 GPA Required.*

### **CERAMICS 1 (2113)**

**(10-12) Semester**

**Course Fee Applicable**

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. **(Repeat if taken in Junior High)**

### **CERAMICS 2 (2114)**

**(10-12) Semester**

**Prerequisite: Ceramics 1 at the High School level or portfolio review.**

**Course Fee Applicable**

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. **A letter grade of C or higher is required in both terms of Ceramics 1.**

### **CERAMICS 3 STUDIO (2115)**

**(11-12) Semester**

**Prerequisite: Ceramics 1 & 2 and portfolio review**

**Course Fee Applicable**

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-throw 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*. **A letter grade of C or higher is required in both terms of Ceramics 2.**

### **DRAWING 1 (2110)**

**(10-12) Semester**

**Course Fee Applicable**

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.

### **DIGITAL DRAWING HONORS (2110)**

**(10-12) Semester**

**Prerequisite: Foundations Art 1\***

**Course Fee Applicable**

Students will learn how to create realistic and symbolic 2D art digitally. Students will be drawing and creating artwork using an iPad and Apple Pencil, using the software Procreate. Emphasis will be placed on composition design and drawing accuracy. This class is an honors course intended for committed and motivated art students.

\*Preferably students have taken an art course at the jr. high level to qualify for this course.

### **DRAWING 2 (2111)**

**(10-12) Semester**

**Prerequisite: Intro to Drawing**

**Course Fee Applicable**

Drawing 2 students will build upon the fundamental skills gained in Intro to Drawing 1. Students will further explore problem solving and concept development, practicing methods of creative development. Students in Drawing 2 will explore working in several media, including color media.

### **COMMERCIAL PHOTO 1 (7696)**

**(11-12) Semester**

**Must have your own digital camera.**

**Course Fee Applicable**

Students will learn 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 are essential to the output of photography.

Art or CTE credit can be given.

### **PAINTING 1 (2107)**

**(10-12) Semester**

**Prerequisite: Drawing 1 (High School level - *no exceptions*)**

**Course Fee Applicable**

This course explores the elements and principles of art through the 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 2 (2108)**

**(11-12) Semester**

**Prerequisite: Drawing 1 and Painting 1**

**Course Fee Applicable**

**Materials as individually needed.**

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

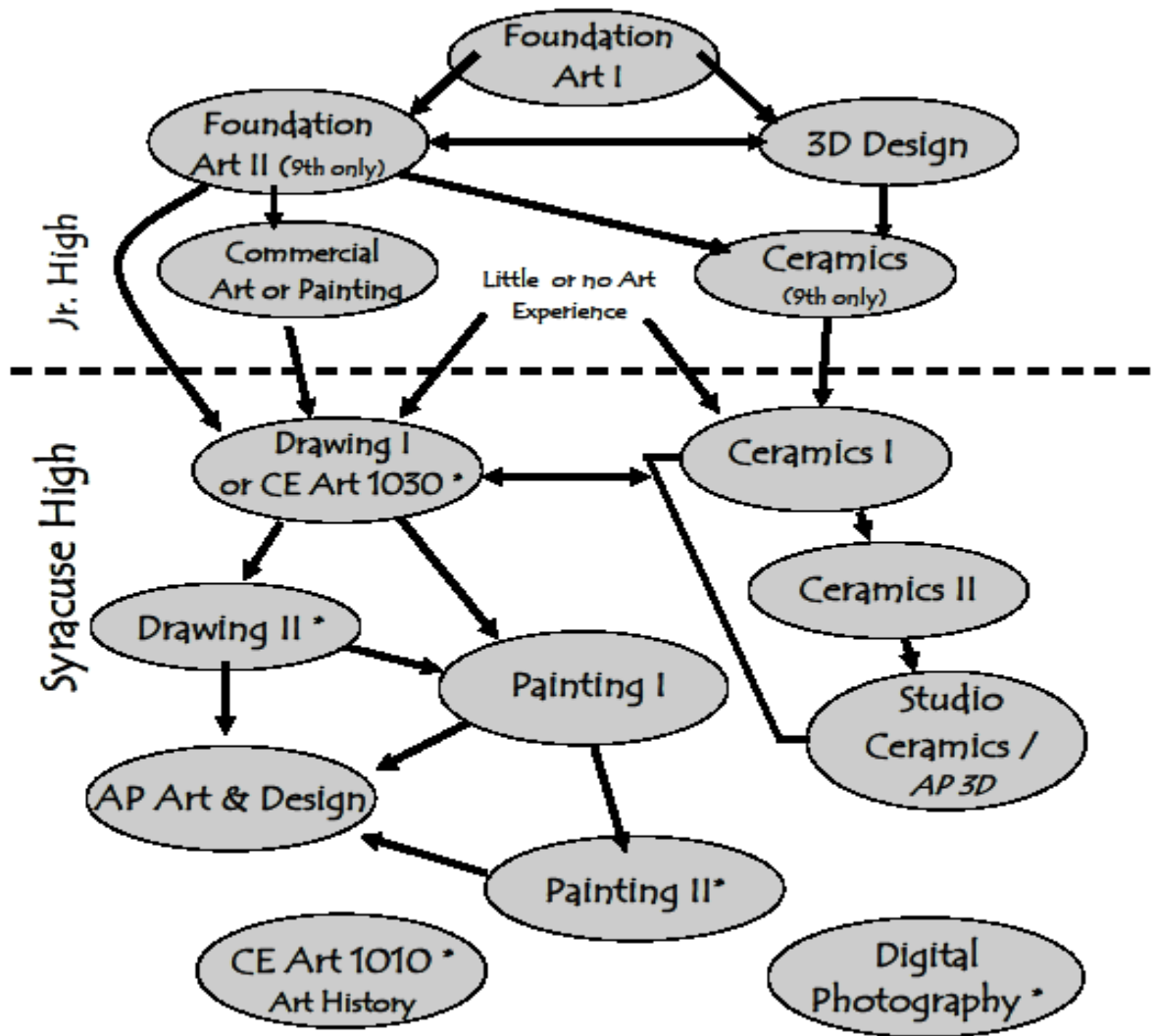
### **FILM STUDIES (2125)**

**(11-12) Semester**

**Course Fee Applicable**

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.

## Junior High to Syracuse High Art Class Flow Chart



- \* Painting II and Drawing II will be treated as Pre AP Studio courses
- \* **Note:** Drawing I and CE Drawing are both entry level, no prerequisite
- \* Portfolio review required to skip entry level courses
- \* No Prerequisite classes required For CE Art 1010 and Digital Photography

# BUSINESS

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

## **ACCOUNTING 1 (7501)**

**(10-12) Semester**

### **Course Fee Applicable**

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

*\*Accounting 1 AND Accounting 2 can count for a third Math credit.*

## **ACCOUNTING 2 (7502)**

**(10-12) Semester**

**Prerequisite: Accounting 1**

### **Course Fee Applicable**

This class is a continuation of Accounting 1. 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.

*\*Accounting 1 AND Accounting 2 can count for a third Math credit.*

## **BUSINESS MARKETING CAPSTONE (7510)**

**(11-12) Semester**

**Prerequisite: Minimum of 2 business classes with a grade of C or higher**

### **Course Fee Applicable**

This course is designed for advanced business students to further their business knowledge and skills. The business capstone encourages students to think analytically, logically, and creatively to integrate experience and knowledge into real world situations. During the course students will participate in a series of field trips, competitions, and projects in order to develop business problem solutions first-hand. Membership in the DECA or FBLA is required.

## **BUSINESS COMMUNICATIONS (7515)**

**(11-12) Semester**

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 can communicate effectively.

### **BUSINESS LAW (7520)**

#### **(10-12) Semester**

Students will gain an understanding of the law as it relates to them currently and in the future. Students will explore conflict resolution, organizational change, and business ethics topics. Students will continue to implement project management strategies as they execute projects initiated in Business Leadership 1. Although Business Leadership 1 is not a prerequisite for this course it is strongly recommended.

### **BUISNESS LEADERSHIP 1 (7555)**

#### **(10-12) Semester**

This course is designed to provide students with an opportunity to learn and implement critical leadership skills including organizational goal setting, effective time management, and group communication. Students will have opportunities to put principle into practice by organizing projects within the community businesses and school organizations.

### **BUSINESS MANAGEMENT CE (7525)**

#### **(10-12) Semester**

Leadership and management skills are valuable to any industry and will benefit all students regardless of their future endeavors. Alongside developing positive problem-solving and decision-making skills, students will learn the basic ins and outs of what makes a business function. Business Management is a 3-credit concurrent enrollment course and serves as a pre-requisite for all courses offered through Weber State's Business Administration program.

### **CUSTOMER SERVICE CE (7532)**

#### **(10-12) Semester**

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.

*\*WSU concurrent enrollment fees apply.*

### **BUSINESS OFFICE SPECIALIST CE (7530)**

#### **(10-12) Semester**

##### **Prerequisite: Digital Studies Course**

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.

*\*WSU concurrent enrollment fees apply.*

### **DIGITAL BUSINESS APPLICATIONS (7535)**

#### **(10-12) Semester**

Course prepares students with the knowledge and skills to be an asset to the collaborative, global, and innovative business world of today. Students will gain an understanding of business tools and programs, business safety and security, digital media and communications, time management, finances, and the exploration of career choices. Participation in FBLA and/or DECA recommended.

### **DIGITAL MARKETING CE (7539)**

#### **(11-12) Semester**

The Digital Marketing course is designed to give students a general background in digital marketing and an introduction to the rapidly growing and evolving career field. Students will be exposed to the fundamental concepts and principles of the digital experience, focus on the learning tools and skills necessary for solving business problems, and developing marketing opportunities. This course will provide practical experience in, but not limited to: eCommerce, media planning, branding, online advertising, display advertising, digital campaigns, social media marketing, and mobile media.

*\*WSU concurrent enrollment fees apply.*

### **INVESTING AND WEALTH MANAGEMENT (7552)**

#### **(11-12) Semester**

Investing and wealth management is designed to teach students the basics of investing and finance. Topics will cover compound interest, risk analysis, financial statement analysis, asset valuation, financial markets, stock valuations, working capital management, investment vehicles and emerging trends in investing. Students will also be encouraged to explore the accounting and finance pathway and the many career opportunities in investing and finance management.

### **MARKETING 1 CE (7560)**

#### **(10-12) Semester**

Marketing 1 explores the seven core functions of marketing which include: Marketing Planning- why target market and industry affects businesses; Marketing-Information Management- why market research is important; Pricing-how prices maximize profit and affect the perceived value; Product/Service Management- why products live and die; Promotion- how to inform customers about products; Channel Management- how products reach the final user; and Selling- how to convince a customer that a product is the best choice. Students will utilize knowledge in hands-on projects which may include Conducting research, creating a promotional plan, pitching a sales presentation, and introducing an idea for a new product/service.

*\*WSU concurrent enrollment fees apply.*

### **SPORTS AND OUTDOOR RECREATION MARKETING (7570)**

#### **(10- 12) Semester**

This course examines the business side of the industry. Students will explore concepts such as recreation and sporting events and competitions, sponsorship, merchandising, integrated marketing campaigns, promotional activities, and calendars. Class discussions and opportunities to work on a variety of projects create a balance between “traditional” class work and hands-on activities. Students will advertise and promote events within the SHS and involve the community and student body.

### **RETAILING (Student Store) CE (7565)**

#### **(11 -12) Year**

#### **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. DECA-related activities and curricula may be used as an approved part of all marketing classes.

*\*WSU concurrent enrollment fees apply.*

### **FASHION DESIGN STUDIO CE (7440)**

#### **(11-12) Semester**

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.

*\*WSU concurrent enrollment fees apply.*

### **FASHION MERCHANDISING (7442)**

**(10-12) Semester**

**Prerequisite: Fashion Design Studio**

The Fashion Marketing course is an introductory class that teaches the concepts of entry-level business and fashion fundamentals. The following list of skill strands prepares the student in fashion merchandising in the fundamentals of basic fashion concepts and marketing terminology, fashion cycles, key components of the fashion industry such as fashion designers, fashion capitals and fashion week, retail merchandise categories, fashion promotion including advertising and social media, and fashion careers. Student leadership and competitive events (FCCLA and/or DECA) may be an integral part of the course.

### **ENTREPRENEURSHIP CE (7542)**

**(10- 12) Semester**

**Prerequisite: Any Marketing Classes**

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.

*\*WSU concurrent enrollment fees apply.*

### **HOSPITALITY AND TOURISM (7550)**

**(10- 12) Semester**

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 the tourism industry, destination geography, airlines, international travel, traveling by rail, car rentals, cruising, hospitality industry, tours, meetings, and marketing and sales. Students have the opportunity to earn concurrent enrollment credits through this course.

*\*SLCC concurrent enrollment fees apply.*

### **ECONOMICS (7540)**

**(10- 12) Semester**

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.

## **GENERAL FINANCIAL LITERACY**

### **GENERAL FINANCIAL LITERACY (7075)**

**(11-12) Semester**

***\*COURSE REQUIRED FOR GRADUATION***

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 way the stock market reflects our economy.

## GENERAL FINANCIAL LITERACY CE (7075)

### (11-12) Semester

This CE 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.

*\*WSU concurrent enrollment fees apply.*

## INDIVI/FAMILY REL & PER/FAMILY FIN CE (7454/55)

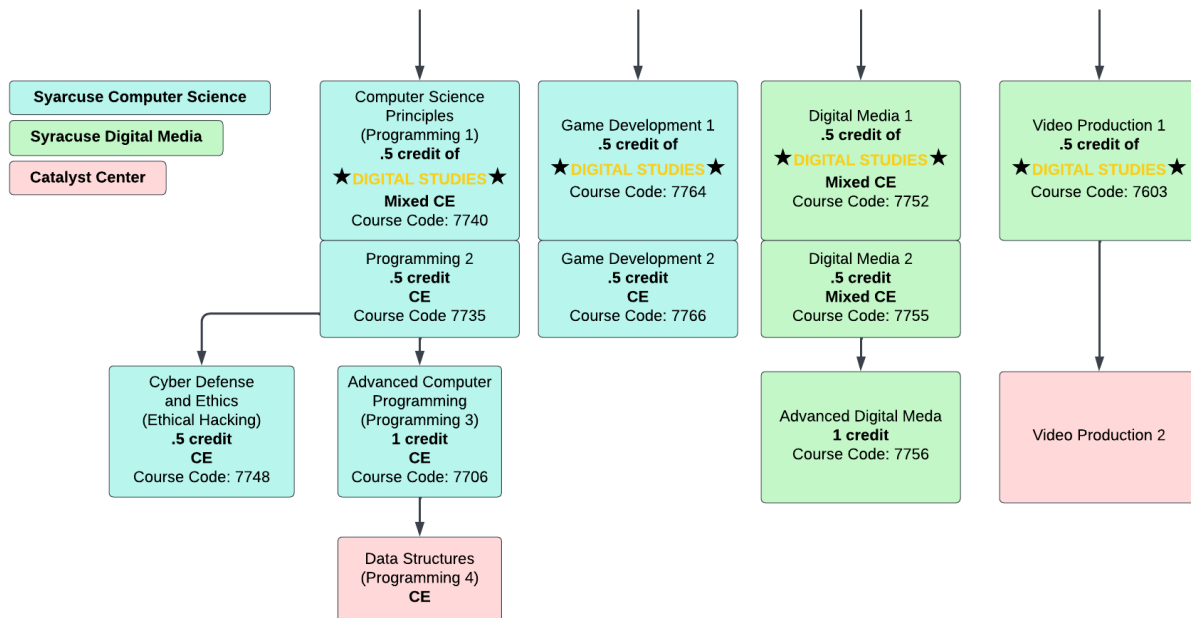
### (11-12) Year

#### Course Fee Applicable

CE Adult Roles and Financial Literacy (ARFL) covers all 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 to become successful and autonomous adults. **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.**

*\*WSU concurrent enrollment fees apply.*

# INFORMATION AND TECHNOLOGY



**CYBER DEFENCE & ETHICALS (7748)**

**(11-12) Semester**

**Course Fee Applicable**

**Prerequisite: Digital Studies Cr.**

Designed to provide you with a baseline understanding of the principles and practices of CyberSecurity. Throughout the course, students will explore topics such as risk assessment, incident response, security frameworks, legal and ethical considerations, and CyberSecurity leadership. You will engage in practical exercises and case studies to apply your knowledge to real-world scenarios. This course is expected to be taken as Concurrent Enrollment

*\*WSU concurrent enrollment fees apply*

**DIGITAL MEDIA 1/ DIGITAL MEDIA 2 CE (7752/7755)**

**(10-12) Year**

**Course Fee Applicable**

Digital Media 1

Students will learn basic graphic design and Illustration using Adobe Illustrator and Photoshop

Digital Media 2

Students will learn basic 2D animation using Adobe Animate, and video editing using Adobe Premiere through individual and team assignments.

*\*WSU concurrent enrollment fees apply.*

**ADV. DIGITAL MEDIA (7756)**

**(11- 12) Year**

**Prerequisite: Digital Media 1, Digital Media 2**

Students will create projects using 3D Graphics, 3D Animation, Sound, Video, and Video SFX.

**COMPUTER PROGRAMING 1 / COMPUTER PROGRAMING 2 CE (7734 /7735)**

**(10-12) Year**

**Course Fee Applicable**

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 3<sup>rd</sup> year Math credit. College credit for Computer Programming 2 only if requested. If wanting CE credit for Computer Programming 2, must have CE Computer Science Principles as prerequisite or co-req.*

**ADVANCED COMPUTER PROGRAMING (7706)**

**(11-12) Year**

**Prerequisite: Computer Programming 2 CE**

**Course Fee Applicable**

An advanced-level year-long course that delves deeper into computer programming concepts and techniques. Throughout the course, we will explore advanced programming topics, data structures, algorithms, and software development practices. Students will have the opportunity to apply their knowledge through hands-on coding projects and assignments. This course is expected to be taken as Concurrent Enrollment

*\*WSU concurrent enrollment fees apply.*

**COMPUTER SCIENCE PRINCIPLES CE (7740) / COMPUTER PROGRAMING 2 CE (7735)**

**(10-12) Year**

**Course Fee Applicable**

An introductory course designed to introduce students to the world of computer programming. Throughout the course, students will learn the basic concepts of programming languages, algorithms, data structures, and software development. They will gain hands-on experience by writing code, debugging programs, and completing various coding projects. This course is expected to be taken as Concurrent Enrollment

*\*WSU concurrent enrollment fees apply.*

### **AP COMPUTER SCIENCE A (7712)**

**(11-12) Year**

**Prerequisite: Computer Prog. 1 & 2**

This course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable course that explores many of the foundational ideas of computing, so all students understand how these concepts are transforming the world we live in and prepares students for the AP exam at the end of the year.

### **VIDEO PRODUCTION 1 (7603)**

**(10-12) Semester**

Designed to provide students with the basic knowledge and skills related to the video production industry, including instruction and hands-on assignments in the following areas: camera operations, audio systems, lighting systems, pre-production, studio operations, control room operations, visual effects and graphics, and copyright law.

### **GAME DEVELOPMENT 1 (7764) / GAME DEVELOPMENT 2 CE (7766):**

**(10-12) Year**

**Course Fee Applicable**

Throughout the course(s), students will explore concepts such as game mechanics, storytelling, level design, and programming. Students will learn to use industry-standard tools and techniques to create playable games. Students will explore game design, scripting, digital art, 3D graphics, animations, problem solving, and project management. Part 2 of this course is expected to be taken as Concurrent Enrollment.

*\*WSU concurrent enrollment fees apply*

### **WEB DEVELOPMENT 1 (7795):**

**(10-12) Semester**

Web Development 1 is an introductory and project-based class centered on students building websites and web apps. Students will use HTML, CSS, JavaScript, and some React to solve real-world web development problems, and build sites for their online portfolio.

### **WEB DEVELOPMENT 2 (7796):**

**(10-12) Semester**

**Prerequisite: Web Development 1**

Web Development 2 is a project-based class centered on students building websites and web apps. Students will use advanced HTML, CSS, JavaScript, Git, and React to solve real-world web development problems, and build sites for their online portfolio. Students will also learn how the internet works.

## EDUCATION

### **TEACHING AS A PROFESSION 3 (7217)**

**(11- 12) Semester**

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 schools). “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.

*\*WSU concurrent enrollment fees apply.*

### **PEER TUTOR (213)**

**(10-12) Year**

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.

### **IMPACT TEAM/HOPE SQUAD (216)**

**(11-12) Year**

**By application/election only. See your counselor for application.**

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

### **LATINOS IN ACTION (214)**

**(10-12) Year**

**Prerequisite: Application turned into Mrs. Moss. Interview with Mrs. Moss 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.

Students **can never have a U while in LIA** because they ride the bus to elementary schools every Monday, Tuesday and Thursday. At elementary schools we teach literacy and tutor students K-6.

Latinos in Action also requires extracurricular activities planned by the organization, outside of school hours. This includes fundraisers, field trips, Community Service and WSU conferences.

### **SPORTS LEADERSHIP (217)**

**(11-12) Semester**

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.

*\*WSU concurrent enrollment fees apply.*

# HUMANITIES

## Requirements:

- Students are required to compete in varied weekend competitions October – 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.

### **DEBATE 1 (4385)**

**(10-12) Semester**

#### **Course Fee Applicable**

This course for students with an interest in debate and speech competition. Second Semester students continue in debate/competitive speech or honors debate per teacher assignment. Students will gain advanced skills in research, writing, note-taking, and logical analysis by building effective argumentation and humorous/dramatic performance pieces. 2.0 GPA, No F's, or U's.

### **DEBATE 2 (4390)**

**(10-12) Year**

**Prerequisite: Teacher recommendation and Debate 1**

#### **Course Fee Applicable**

Students will continue with the study of debate philosophy and cross examination on a variety of current topic.

### **DEBATE 3 (4395)**

**(11-12) Year**

**Prerequisite: Teacher recommendation, and Debate 1 and Debate 2**

#### **Course Fee Applicable**

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

### **CREATIVE WRITING 1 (4335)**

**(10-12) Semester**

This course introduces beginning writers to elements of effective writing while studying the basic ingredients of good stories, poem, and prose. Daily writing, group work, sharing of student work, and contest entries are also part of this class. Permission of the instructor is required to repeat this class.

### **CREATIVE WRITING 2 (4340)**

**(11-12) Semester**

**Prerequisites: - Writing sample - Creative Writing 1 or permission from the instructor.**

Skills Needed:

- An understanding of various writing genres and the writing process.
- Good grammar and mechanics
- Skillful writing practices
- A willingness to proofread, edit, and revise writings.
- Participation in an evening showcasing student work.

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.

## OTHER

### YEARBOOK STAFF (4365)

(11-12) Year

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.

### AP RESEARCH/STUDY (404)

(11-12) Year

Prerequisite: Must have 2 or more AP or CE classes

Students may have one period to work on their studies from these rigorous courses. Study period only.

## DRIVERS EDUCATION

### DRIVERS ED / TITAN LIFE (1100 / 400)

(10-12) Semester

Prerequisite: It is required to have a Driving Permit to take either of these courses. 10 HOURS of driving time with a parent prior to Drivers Ed starts.

Course Fee Applicable

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.

TITAN LIFE is a companion course to Drivers Education. Students will be enrolled in Titan Life for 1 term and Drivers Education for 1 term. This course will teach valuable life skills including character development, critical thinking, communication, leadership, school involvement, college, and career readiness, etc. We will also spend a good portion of the class doing ACT test-taking strategies.

# ENGLISH

## **ENGLISH 10 (4080)**

### **(10) Year**

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

## **COLLEGE PREP (4085)**

### **(10) Year**

College Prep prepares students for AP and Concurrent Enrollment (CE) English classes while building essential language skills. Focus areas include analyzing nonfiction, breaking down arguments, evaluating evidence, and understanding diverse perspectives. The course also emphasizes writing improvement, ACT preparation, and literature to enhance critical thinking and analysis skills. Designed to build confidence and academic skills, this course lays the foundation for success in future courses.

## **ENGLISH 11 (4100)**

### **(11) Year**

This course builds comprehension, composition, language, and critical thinking skills. The focus of study is American literature, including narrative and expository texts foundational to the cultural and intellectual traditions of the United States. Students use the writing process to develop skills in 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/COLLEGE PREP (4105)**

### **(College Prep)**

### **(11) Year**

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

College prep is designed to get students ready for college and life after high school by focusing on multiple writing forms. Students will create a variety of assessments using clear, concise writing—key components of effective writing. Emphasizing writing and reading skills, this class helps prepare students for the ACT English and Reading sections. There will also be a focus on literature to help with critical thinking skills and effective writing.

## **ENGLISH 12 (4150)**

### **(12) Year**

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 ENGLISH LANGUAGE (4310)**

### **(11) Year**

AP English Language cultivates nonfiction reading and writing skills that students need for college success and for intellectually responsible civic engagement. Students will gain strong writing and rhetorical skills through studying synthesis, rhetorical analysis, and argumentation. Students learn to write within timed situations and to communicate writers' intentions and elicit readers' responses in varying situations. Students who pass the AP English Language Exam at the end of the year receive college credit for English 1010, and will be ready for other college-level courses their senior year.

### **CE ENGLISH 1005 (4295)**

**(12) Year**

**Prerequisites: - 3.0 GPA - ACT English & Reading score of 21 or higher (scores must be obtained by May of junior year)**

**- Three years of high school English**

**\*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. The grading standards are those of a college class rather than a high school class.

*\*WSU concurrent enrollment fees apply.*

### **CE ENGLISH 2015 (4300)**

**(12) Semester**

**Prerequisites: - 3.0 GPA - ACT English & Reading score 29 or higher – AP Lang or Lit 3 or better**

**-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 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.

*\*WSU concurrent enrollment fees apply.*

### **CE LITERATURE 2200 (4305)**

**(12) Semester**

**Prerequisites: - 3.0 GPA - ACT English & Reading score 18 or better**

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 1010, 2010, or AP Literature. This course is providing 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.

*\*WSU concurrent enrollment fees apply.*

### **CE COMMUNICATIONS (4290)**

**(12) Semester**

**Prerequisites: - 3.0 GPA**

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.

*\*WSU concurrent enrollment fees apply.*

### **CREATIVE WRITING 2 (4340)**

**(12) Semester**

**Prerequisites: - Writing sample - Creative Writing 1 or permission from the instructor.**

Skills Needed:

- An understanding of various writing genres and the writing process.
- Good grammar and mechanics
- Skillful writing practices
- A willingness to proofread, edit, and revise writings.
- Participation in an evening showcasing student work.

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

- FCCLA Student Leadership may be an integral part of these courses.

## **CHILD DEVELOPMENT CE (7410)**

### **(10-12) Semester**

#### **Course Fee Applicable**

This semester course provides students with an understanding of the aspects of child growth and development. Parenting skills are developed as positive guidance techniques and child-related issues are studied. Attention will focus on child development from birth to eleven years of 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 1.

*\*WSU concurrent enrollment fees apply.*

## **EARLY CHILDHOOD EDUCATION 1 CE (7412)**

### **(10-12) Semester**

#### **Prerequisite: Child Development**

#### **Course Fee Applicable**

This semester course provides students an opportunity to work with children in a professional lab setting. Instruction is given regarding developmentally appropriate practices (DAP), curriculum, and facility design for young children. Early Childhood Education lab training is a part of the course. This course will strengthen comprehension of concepts and standards outlined in Science, Technology, Engineering and Math (STEM) education. Previous completion of the Child Development course is REQUIRED. A skills certificate will be awarded to students who complete the CTE state performance objectives and the CTE state test with 80% accuracy.

*\*WSU concurrent enrollment fees apply.*

## **EARLY CHILDHOOD EDUCATION 2 (7413)**

### **(10-12) Semester**

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

#### **Course Fee Applicable**

This semester course provides students an opportunity to work with children in a professional lab setting. Instruction given includes: applying developmentally appropriate practices (DAP), teaching lessons to children, maintaining a healthy environment for children, and developing positive relationships with children. On-site lab experiences will be a major component of the course. This course will strengthen comprehension of concepts and standards outlined in Science, Technology, Engineering and Math (STEM) education. The Child Development and the Early Childhood Education 1 Curriculum courses are REQUIRED prerequisites. 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 3 (7415)**

### **(CHILDCARE CENTER)**

### **(11-12) Semester**

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

This semester course provides students an opportunity to work with children in a professional lab setting. Students enrolled in this course will: teach young children, demonstrate positive employment skills, maintain a healthy environment for children, and develop positive relationships with children. On-site lab experiences will be a major component of the course. This course prepares individuals for careers and opportunities in early childhood education. Experiences include: program planning and management, resource and facility management, peer mentoring, and supervising play activities. Experiences also include 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.

### **CE HUMAN DEVELOPMENT (7417)**

**(11-12) Semester**

This course covers the development of individuals from conception through death. Current issues in research associated with these topics will be examined.

*\*WSU concurrent enrollment fees apply.*

### **SEWING CONSTRUCTION 1 (7433)**

**(10-12) Semester**

**Course Fee Applicable**

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

### **SEWING CONSTRUCTION 2 (7434)**

**(10-12) Semester**

**Prerequisite: Sewing Construction 1 or Sports Sewing 1**

**Course Fee Applicable**

This course introduces students to intermediate sewing and surging techniques and reviews the types of fabric construction. Students will make intermediate level projects using correct construction techniques.

### **SPORTS SEWING 1 (7430)**

**(10-12) Semester**

**Course Fee Applicable**

This course teaches students basic construction skills but is specialized to concentrate on specific fabrics or projects such as outdoor or sports clothing and other items. The basic standards, objectives, and indicators as listed in Sewing Construction 1 will be taught in this course.

### **CE INDIVIDUAL AND FAMILY RELATIONS WITH PERSONAL AND FAMILY FINANCE (ADULT ROLES) (7454/7455)**

**(11-12) Year**

This course is basically "Adulting 101". Learn about relationships and financial literacy; fulfills the financial lit requirement, and also gives a semester of CTE credit. Topics include: Communication, Goalsetting, Wellbeing, Dating, Marriage, Money Management, Investing, Pregnancy, Parenting, Family Systems theory and analyzing the family through the viewpoint of a Marriage and Family Therapist. Counts for GE credit through Weber State and fulfills either the Diversity or Social Sciences course requirement.

*\*WSU concurrent enrollment fees apply.*

### **CULINARY 1**

**(10-12) Semester**

**Course Fee Applicable**

This course is designed for students who are interested in food safety and sanitation, careers, introduce knife skills and cooking techniques, and basic culinary skills related to stocks, sauces, and yeast breads.

### **DIETETICS & NUTRITION 1 (FOODS 2) (7461)**

**(10-12) Semester**

**Course Fee Applicable**

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 (7464)**

**(11-12) Semester**

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.

*\*WSU concurrent enrollment fees apply.*

**PROSTART1/ PROSTART 2 (ADVANCED CULINARY) (7469/ 7470)**

**(11-12) Year**

**Prerequisite: Culinary 1 and Dietetics & Nutrition 1**

**Course Fee Applicable**

**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 (7445)**

**(10-12) Semester**

**Course Fee Applicable**

This semester course explores the field of interior design through engaging learn activities. Identification and use of the elements and principles of design are emphasized. Other topics are furniture arrangement, floor plan evaluation, space planning and design related careers. 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 CE Interior Design.

**CE INTERIOR DESIGN (7448)**

**(10-12) Semester**

**Prerequisite: Interior Design 1**

**Course Fee Applicable**

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 student's study: architecture, furniture styles and constructions, textiles, surface treatments and backgrounds, design and function of space and lighting. 3.0 GPA Required.

*\*WSU concurrent enrollment fees apply*

**BAKING AND PASTRY (7471)**

**(11-12) Semester**

**Prerequisite: Culinary 1 and Dietetics & Nutrition 1**

**Course Fee Applicable**

This course introduces Culinary Arts students to another aspect of the Culinary Arts industry, baking, and pastry. Students will gain experience with baking terminology, equipment, formula conversions, and practice methods for creating yeast breads, pastries, fillings, cakes, and cookie productions. Students will also have the opportunity to practice industry workplace skills, food safety and understand the opportunities for careers within the baking and pastry industry.

**WORLD LANGUAGE**

**SPANISH 1 (3110)**

**(10-12) Year**

Spanish 1 is an introduction to the Spanish language, culture, and geography with a goal to produce speakers at a novice-mid proficiency. The focus of the class is speaking and acquiring simple communication skills in Spanish while developing some reading and writing skills. Students will begin to identify relationships that exist between their own language and the Spanish language.

### **SPANISH 2 or CE SPANISH 2 (3120)**

**(10-12) Year**

**Prerequisite: Spanish 1**

Spanish 2 continues to develop oral skills with added emphasis on reading and writing skills. Students expand their base of vocabulary and grammatical structures and analyze in greater depth the similarities and differences between their own language and Spanish. Students explore culture and tradition of Spanish-speaking countries. The goal of this course is to produce speakers with novice-high proficiency. This course may be taken as a CE course through Weber State (fees apply).

*\*WSU concurrent enrollment fees apply.*

### **SPANISH 3 or CE SPANISH 3 (3130)**

**(10-12) Year**

**Prerequisite: Spanish 2 or equivalent experience**

Spanish 3 is a continuation of Spanish 2 and is designed to provide opportunities for students to further develop listening, speaking, reading, and writing skills. It stresses the development of the student into intermediate proficiency with greater conversational and survival skills. Students will be able to handle uncomplicated, daily tasks and strengthen both interpretive and presentational reading and writing abilities. Culturally related activities of selected regions and countries will be explored. This course may be taken as a CE course through Weber State (fees apply). Seniors may take this course in place of their English 12 class.

*\*WSU concurrent enrollment fees apply.*

### **SPANISH 4 or CE SPANISH 4 (3140)**

**(10-12) Year**

**Prerequisite: Spanish 3 or equivalent experience**

Spanish 4 continues to develop proficiency in reading, writing, listening, and speaking and explores topics relevant to daily living. Students work to develop greater control of specialized vocabulary and grammatical structures. Students will have the opportunity to demonstrate proficiency via assessment and earn the state seal of biliteracy. A greater array of topics - including literature, art, and culture – will be explored. The goal of this course is for students to reach an intermediate-mid proficiency. This course may be taken as a CE course through Weber State (fees apply). Seniors may take this course in place of their English 12 class.

*\*WSU concurrent enrollment fees apply.*

### **AP SPANISH LANGUAGE AND CULTURE (3170)**

**(10-12) Year**

**Prerequisite: Spanish 4 or equivalent experience or instructor recommendation**

This course adheres to AP College Board's criteria for Advanced Placement Spanish Language and Culture. Students work to achieve greater control of language academically and professionally while attending to the products, practices, and perspectives of the Hispanic world. The course prepares students to take the corresponding AP test by exploring the related AP themes. Students are expected to achieve at least an intermediate-high proficiency. Seniors may take this course in place of their English 12 class.

### **CE SPANISH BRIDGE 3116, 3117, 3118**

**(10-12) Year**

**Prerequisite: A passing score (3 or higher) on the AP Spanish Language and Culture Exam**

These courses represent upper-division, university courses that can count towards a major or a minor. Course content ranges from the consideration of identities to film and literature, to pop-culture. Students rotate through the 3-course series over their three years in high school. There is extensive work in research and writing while advanced language skills are developed. The environment is language rich while students work both individually and collaboratively on projects designed to explore culture, society, and perspectives from the Hispanic world, past and present. Students learn to take a greater part in their professional and academic communities. Samples of literature representative of studied themes are also explored to develop greater control of descriptive vocabulary and literary tools. These courses emphasize the development of college-readiness behaviors. CE course registration fees apply. Seniors may take this course in place of English 12.

*\*WSU registration and course fees apply.*

### **CHINESE 1 (3310)**

**(10-12) Year**

**Course Fee Applicable**

Chinese 1 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 or CE Chinese 2 (3320)**

**(10-12) Year**

**Prerequisites: Chinese 1**

**Course Fee Applicable**

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 or 4 or CE Chinese 3 or 4 (3330 / 3340)**

**(10-12) Year**

**Prerequisites: Chinese 1 and 2**

**Course Fee Applicable**

Chinese 3 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.

### **AP CHINESE (3370)**

**(10-12) Year**

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

### **CE CHINESE BRIDGE 1, 2, 3 (3386 / 3387 / 3388)**

**(10-12) Year**

**Prerequisite: Chinese AP Language and Culture Exam score of 3 or higher.**

**Chinese Legacies: Tradition & Modernity**

This course explores the impact of traditional Chinese legacy on the formation and transformation of modern Chinese cultural identity. Students will have opportunities to use the knowledge learned in the course to interpret and negotiate various challenges and issues that they confront in their interaction with the Chinese language and culture.

### **ASL 1 (3510)**

Introduces American Sign Language (ASL) to students with no previous experience with ASL. Employs an immersion approach to language learning. Emphasizes basic expressive and receptive conversational skills. Includes introduction to American Deaf culture.

### **CE ASL 1010 (ASL 2) (3581)**

**Prerequisite: ASL 1 Full year with a passing grade**

Builds on the experiences in ASL 1. Emphasizes basic expressive and receptive conversational skills through active student participation. Continues introduction to American Deaf culture. Employs an immersion approach to language learning.

# HEALTH SCIENCES

## **HEALTH EDUCATION 2 (1010)**

***\*REQUIRED FOR GRADUATION***

**(10-12) Semester**

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, personal health 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.

## **INTRO TO HEALTH SCIENCE (7308)**

**(10-12) Year**

**Course Fee Applicable**

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 Education 2 credit (.5) & CTE credit (.5)**

## **CE MED. ANATOMY & PHYSIOLOGY (7309 / 7310)**

**(11-12) Year**

**Course Fee Applicable**

**HOSA membership encouraged.**

**Utah Skills Certification available**

**Register for 2 periods for the entire academic year.**

This course is a PREREQUISITE for ANY Workplace Skills/ 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.

*\*WSU concurrent enrollment fees apply.*

## **BIOTECHNOLOGY (7301)**

**(10-12) Year**

**Course Fee Applicable**

**Utah Skills Certification available**

This course introduces you to exciting ways in which technology is being applied biology. As a growing industry in Utah, jobs and Careers in this field are on the rise. The skills learned in this class make you a great candidate. The curriculum covers the use of a wide range of equipment and techniques not normally seen in a high school class. We will dive into DNA structure, DNA profiling and DNA sequencing, gene expression, and genetic engineering. This is a LAB ORIENTED class. Much of our time will be spent performing dozens of experiments like those presently done in learn to do things that most high school students don't even know exist, let alone how to perform them.

### **MEDICAL FORENSICS (7315)**

**(11-12) Year**

**Prerequisite: Biotechnology is recommended but not required.**

**Course Fee Applicable**

**Utah Skills Certification available.**

Imagine working a crime scene to solve a murder. 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. We discuss how evidence is used to solve crimes in a modern Forensics lab. We will spend time learning how to evaluate fingerprints, trace evidence, hair and fiber evidence collection and documentation, blood evidence and blood spatter, pathology, entomology, time of death estimation, criminal psychology, anthropology, and toxicology. Plus, we will discuss famous cases, serial killers and crimes. This is a hands-on lab class where you will learn how to conduct investigations and analyze evidence.

### **EXERCISE SCIENCE / SPORTS MEDICINE CE (7305)**

**(11-12) Year**

**HOSA membership is available to all students.**

**Material fees apply which covers curriculum materials and certifications.** 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.

*\*WSU concurrent enrollment fees apply.*

### **CERTIFIED NURSE ASSISTANT (CNA) (7319)**

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

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 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.

### **EMERGENCY MEDICAL RESPONDER CE (7303)**

**(11-12) Semester**

The purpose of the American Red Cross Emergency Medical Response program is to train participants in the knowledge and skills of an emergency medical responder (EMR) to help sustain life, reduce pain, and minimize the consequences of injury or sudden illness until more advanced medical personnel take over. Ideal for corporate emergency response teams, law enforcement, security officers, or students wishing to begin a career in public safety or healthcare upon graduation. This course is designed to meet or exceed National Emergency Medical Services Education Standards Emergency Medical Responder Instructional Guidelines. **CPR Pro Exam-\$40, Equipment-\$30.**

*\*WSU concurrent enrollment fees apply.*

### **CE MEDICAL SCHOLARS (7327)**

**(12) Semester**

**Prerequisite: MAP or CAN Recommended. Application Required (See Mrs. Fessler)**

HTHS 2910 is designed for students interested in careers Healthcare. It integrates content from both Health Science and \*Information Literacy \*(a required WSU credit). This course explores a meaningful career in healthcare, hands on experience-intubation, suturing, IV's, vital signs, CPR certification and interaction with medical professionals. 3.5 GPA Required.

*\*Taught at Davis WSU Campus.*

# INTERNSHIPS

## **INTERNSHIPS/ WORKPLACE SKILLS (7912)**

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

**Prerequisite: On-line Application Required**

**No F's, No U's**

**All medical internships- minimum of a 3.5 GPA**

**Course Fee Applicable**

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.) Internships require 2 periods together. Find out what your future career is all about by participating in an internship!

Where to find On-line Application?

Go to: SHS homepage – Parents & Students-Internships-Internship Applications

# MATHEMATICS

- **We recommend the TI-84+ edition calculator.**
- **Calculators are available to rent for \$20 per semester.**

## **SECONDARY MATH 2 (5300)**

**(10) Year**

**Prerequisite: Proficiency in Secondary Math 1**

Secondary Math 2 is necessary for graduation. This course is the primary course for preparing students for the ACT and other college entrance exams. This course covers many topics in Geometry and Algebra. This course is the first course introducing Trigonometry which is essential for any further mathematics classes. Graphing Calculators are required by the 2<sup>nd</sup> term of this course and will be necessary for the rest of the student's math classes in high school.

## **SECONDARY MATH 2 HONORS (5305)**

**(10) Year**

**Prerequisite: 3.0 + in Secondary 1 Honors or teacher recommendation**

This course is for sophomores with a serious commitment to attend college. Students must be enrolled in the Honors level of Secondary 2 to eventually take AP Calculus and/or AP Statistics, and very likely earn college math credit, before graduating from high school. 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 3 Honors and college entrance exams. Students will need a graphing calculator for this course. *A \$10 fee for a consumable manual is required.*

## **SECONDARY MATH 3 (5400)**

**(10-12) Year**

**Prerequisite: Proficiency in Secondary Math 2**

This course will build on topics learned in Secondary 2 and will cover topics such as probability and statistics, polynomial, rational, and radical functions, and trigonometry. Graphing calculators are required.

### **SECONDARY MATH 3 HONORS (5405)**

**(10-12) Year**

**Prerequisite: A's, B's or Cs in Secondary 2 Honors or teacher recommendation.**

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.

### **DATA SCIENCE (5535)**

**(11-12) Year**

***\*This is a Math class\****

This course will develop skills in Data Science and statistics by emphasizing a modeling approach. Students will reason and make sense of data using the Statistical Problem-Solving Process consisting of: Formulating Statistical Investigative Questions, Collect/Consider Data, Analyze Data, and Interpreting the Results. Students will learn to use data and modeling to formulate and answer questions as well as to critically evaluate information using mathematics as the reasoning tool.

***\*\*Juniors who take this class will not have a "college" Math option their Senior year\*\****

### **COLLEGE PREP MATH (5850)**

**(11-12) Year**

This course is designed to prepare students for College Algebra 1010 at the university level. Students will solidify their understanding of algebraic concepts and extend them to cover more difficult concepts preparatory for college math courses. Much of this course will focus on conceptual understanding, as is necessary in college level mathematics. No college credit is given for this course.

### **CE MATH 1010 INTERMEDIATE ALGEBRA (5610)**

**(12) Semester**

**Prerequisite: 'C' average or better in each course: Secondary Math 1, 2 & 3, OR Qualifying test score of 21+ on the ACT.**

***\*Students must complete Secondary Math 1, 2, and 3 to be eligible for CE Mathematics.***

This course is designed to improve skills involving real and complex numbers, inequalities, systems of equations, rational and radical expressions and equations, and functions (linear, quadratic, exponential, and logarithmic). On a regular basis you will explore and solve real-life problems while working in a group setting. Through guided-discovery activities you will take an active role in learning mathematics. The overall goal is for you to discover that mathematics is an essential and learnable survival skill for the 21st century. Math 1010 with a grade of C\* or better is specifically designed as a prerequisite for Math 1050, or Math 1080. If you are not planning to take Math 1050 or 1080 talk to your counselor or math teacher about the proper math placement for you. A TI-30X-IIS or -XB should be purchased; this will be used in class and will be the only type of calculator allowed for testing. \*To pass this course with a "C," you must have an overall score of 70% AND 65% weighted average on exams. The weighted exam average is computed by giving 40% weight to the WSU Midterms and 60% weight to the WSU Final.

*\*WSU concurrent enrollment fees apply.*

### **CE MATH 1030 CONTEMPORARY MATHEMATICS (5620)**

**(12) Semester**

**Prerequisite: 'C' average or better in each course: Secondary Math 1, 2 & 3, OR Qualifying test score of 21+ on the ACT.**

***\*Students must complete Secondary Math 1, 2, and 3 to be eligible for CE Mathematics.***

Topics from mathematics which convey to the student the beauty and utility of mathematics, and which illustrate its application to modern society. Topics include interpreting mathematical models; represent mathematical information symbolically, visually numerically, and verbally; use arithmetic, algebraic, and statistical methods to solve problems; estimate and check answers to determine reasonableness and select optimal results. A TI-30X-IIS or -XB should be purchased; this will be used in class and will be the only type of calculator allowed for testing. \*To pass this course with a "C," you must have an overall score of 70% AND 65% weighted average on exams. The weighted exam average is computed by giving 40% weight to the WSU Midterms and 60% weight to the WSU Final.

*\*WSU concurrent enrollment fees apply.*

### **CE MATH 1050 COLLEGE ALGEBRA (5640)**

**(12) Semester**

**Prerequisite: 'C' average or better in each course: Secondary Math 1, 2 & 3, AND Qualifying test score of 23+ on the ACT OR 'C' or better in Math 1010. \*Students must complete Secondary Math 1, 2, and 3 to be eligible for CE Mathematics.**

This course covers a survey of college mathematics and is also a preparatory course for calculus. Topics include polynomial, rational, exponential, and logarithmic functions, equations and their applications, absolute value, polynomial and rational inequalities, and nonlinear systems. Topics from discrete mathematics include matrices, matrix algebra and inverses, determinants, sequences, and series. In addition, mathematics of rational functions, partial fraction decomposition and the binomial theorem will be covered. A TI-30X-IIS or -XB should be purchased; this will be used in class and will be the only type of calculator allowed for testing. \*To pass this course with a "C," you must have an overall score of 70% AND 65% weighted average on exams. The weighted exam average is computed by giving 40% weight to the WSU Midterms and 60% weight to the WSU Final.

*\*WSU concurrent enrollment fees apply.*

### **CE MATH 1035 (5615)**

**(12) Year**

*\*WSU concurrent enrollment fees apply.*

### **AP CALCULUS AB (5520)**

**(11-12) Year**

***Must also enroll in AP Calculus Lab***

**2 Periods, 1 each day**

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. **Students are required to have a graphing calculator (preferably a TI-84 series).**

### **AP CALCULUS BC (5530)**

**(11-12) Year**

***Must also enroll in AP Calculus Lab***

**2 Periods, 1 each day**

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. **Students are required to have a graphing calculator (preferably a TI-84 series)**

### **AP CALCULUS LAB AB/BC (5525)**

**(11-12) Year**

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 (5510)**

**(11-12) Year**

AP Statistics is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions. Students who successfully pass the Advanced Placement Exam receive 4 semester hours of college credit at most universities.

**PRE/MATH 1050 (5635/40)**

**(12) Year**

**Prerequisite: Math 1010 or ACT Math score 23 or higher or placement test & 3.0**

The Precalculus portion of this class is designed to help students review secondary math 3 in preparations for the rigor of Math 1050. The Math 1050 portion of the course covers a survey of college mathematics and is also a preparatory course for calculus. Topics from continuous mathematics include polynomial, rational, exponential, and logarithmic functions, equations and their applications, absolute value, polynomial and rational inequalities, and nonlinear systems. Topics from discrete mathematics include matrices, matrix algebra and inverses, and determinants.

## PERFORMING ARTS AND MUSIC

**BAND LEVEL 3 (2227)**

**WIND ENSEMBLE**

**(10-12) Year**

The SHS Wind Ensemble is the only auditioned concert band at SHS. Besides performing at concerts each term, the ensemble also performs at several festivals in the spring as well as other combined/specialty concerts upon invitation. Auditions are required for entry- students who have already auditioned and been accepted into the group do not need to re-audition each school year."

**BAND LEVEL 3 (2228)**

**SYMPHONIC BAND**

**(10-12) Year**

**Prerequisite: Concert Band or audition**

**Course Fee Applicable**

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 (2224)**

**PERCUSSION ENSEMBLE**

**(10-12) Year**

**Course Fee Applicable**

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 (2225)**

**JAZZ ENSEMBLE**

**(10-12) Year**

**Prerequisite: Concert, Symphonic or Percussion**

*This class is held before school.*

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.

**AP MUSIC THEORY (2321)**

**(11-12) Year**

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.

### **INTRO TO MUSIC CE (2322)**

**(11-12) Semester**

"Rock N' Roll, Jazz, Opera, Classical, we'll cover it all! In this class, we will learn how music has grown and changed throughout time and why it's a universal language. We will be listening to everything from Medieval Monks to Mozart to Michael Jackson. This is an introduction to music, its elements, languages, and historical development. Please note that outside of class concert attendance is required." 3.0 GPA Required.

*\*WSU concurrent enrollment fees apply.*

### **CHOIR LEVEL 2 (2308)**

**WOMEN'S CHOIR S/A**

**(10-12) Year**

**Course Fee Applicable**

This course is open to all women (soprano/alto voices). 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 for credit in this class. Students must maintain academic eligibility.

### **CHOIR LEVEL 2 (2309)**

**MEN'S CHOIR T/B**

**(10-12) Year**

**Course Fee Applicable**

This course is open to all men (tenor/bass voices). 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 for credit in this class. Students must maintain academic eligibility.

### **CHOIR LEVEL 3 (2310)**

**A CAPPELLA**

**(11-12) Year**

**Course Fee Applicable**

This course is open to men and women by audition only. 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. In addition to the basic curriculum listed above, this choir will represent Syracuse High School at festivals and community performances. Performances and rehearsals outside of class time are required each term for credit in this class. This is an accelerated course for the dedicated choral student. Students must maintain academic eligibility. Students may opt to participate in the spring performing arts tour.

### **CHOIR LEVEL 3 (2311)**

**CARITAS S/A**

**(10-12) Year**

**Course Fee Applicable**

This course is open to 10-12 grade women (soprano/alto voices) by audition only. 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. In addition to the basic curriculum listed above, this choir will represent Syracuse High School at festivals. Performances and rehearsals outside of class time are required each term for credit in this class. This is an accelerated course for the dedicated choral student. Students must maintain academic eligibility.

### **CHOIR LEVEL 3 (2315)**

#### **MADRIGALS**

**(11-12) Year**

This course is open to men and women by audition only. 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. In addition to the basic curriculum listed above, this choir will represent Syracuse High School at festivals and community performances. Performances and rehearsals outside of class time are required each term for credit in this class. This is an accelerated course for the dedicated choral student. Students must maintain academic eligibility. Students may opt to participate in the spring performing arts tour. Students are expected to register for A Cappella and Madrigals for the full year.

### **ORCHESTRA LEVEL 3 CONCERT (2409)**

**(10) Year**

**Prerequisite: 3 years of playing. No audition needed**

**Course Fee Applicable**

This class is for students who have successfully completed Orchestra Levels 1 and 2 or who demonstrate a high intermediate mastery level from another education source. Students will practice and demonstrate Mastery of all advanced string playing techniques while preparing to perform at a collegiate or semi-professional level.

**Violas, cellos, and basses are available to rent for a yearly fee of \$125.**

### **ORCHESTRA LEVEL 3 SYMPHONIC (2409)**

**(11-12) Year**

**Prerequisite: Concert Orchestra – or audition with Mrs. Ellery**

**Course Fee Applicable**

This class is for students who have successfully completed Concert Orchestra or who demonstrate a high intermediate mastery level from another education source. Students will practice and demonstrate Mastery of all advanced string playing techniques while preparing to perform at a collegiate or semi-professional level. Besides performing at concerts each term, the ensemble also performs at several festivals in the spring as well as having the opportunity to travel out of state on tour.

**Violas, cellos, and basses are available to rent for a yearly fee of \$125.**

### **ORCHESTRA LEVEL 3 CHAMBER (2409)**

**(11-12) Year**

**Prerequisite: Audition Only**

**Course Fee Applicable**

This course is available by 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 orchestral student. Course may include rehearsals and performances outside of class time.

**Violas, cellos, and basses are available to rent for a yearly fee of \$125.**

### **DANCE 1A (2601)**

**(10-12) Semester**

**Prerequisite: Must have passed Fit for Life**

**Course Fee Applicable**

Dance 1A 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. To give students an experience in several types of dances, ballet technique, jazz, hip hop, and some character dance will also be taught.

### **DANCE 2A (2603)**

**(10-12) Semester**

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.

**CE DANCE 2 A (1280)**

**(11-12) Semester**

**Course Fee Applicable**

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. 3.0 GPA Required.

*\*WSU concurrent enrollment fees apply.*

**BEGINNING SOCIAL DANCE (1042)**

**(11-12) Semester**

**Prerequisite: Must have passed Fit for Life**

**Course Fee Applicable**

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.**

*\*Can be used as a PE or Art credit*

**THEATRE LEVEL 3 (2504)**

**(10-12) Semester**

This class is designed for the beginning student of Theatre. The basic fundamentals of Theatre are introduced. 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.

**THEATRE LEVEL 4 (2505)**

**(10-12) Semester**

**Prerequisite: Theater 3**

This class is designed for the advanced student of Theatre. Topics covered include but are not limited to: Movement, Voice and Diction, Scene Work and script analysis, Theatrical Styles, Shakespeare, and Directing. 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.

**THEATRE 4 CREATIVE (ACTORS COMPANY) (2505)**

**(10-12) Year**

**\*AUDITION ONLY IN MAY\***

**Course Fee Applicable**

Actors company (Theatre 4 Creative): Advanced acting class. In this class you will participate in small community performances such as improv shows and student written pieces, compete in region and state theatre competitions and learn skills to prepare for a future career in theatre.

**CE THEATRE (2510)**

**(11-12) Semester**

This is a college level Theatre class. The course of study is equivalent to Theatre 1013 at the university level. 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 for students to receive the college level credit for the course. 3.0 GPA Required.

*\*WSU concurrent enrollment fees apply.*

### **PRODUCTIONS 1 and 2 (2512/2513)**

**(10-12) Semester**

**\*AUDITIONS ONLY IN MAY\***

#### **Course Fee Applicable**

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 (2514)**

**(10-12) Year**

#### **Course Fee Applicable**

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

### **SET DESIGN (2515)**

**(10-12) Year**

**Prerequisite: Stage Craft**

#### **Course Fee Applicable**

**\*PERMISSION OF INSTRUCTOR AND APPLICATION SUBMITTED IN MAY\***

This is a class for students who have taken Stage Craft (or have significant prior technical theatre experience) and have permission from the instructor to move to the next level of design. These are students who can be trusted to work on their own and demonstrate an excellent work ethic. This class has the primary responsibility of designing theatrical and technical aspects of SHS productions, such as costuming, prop design, lighting, set design, sound, advertising, etc.

## **PHYSICAL EDUCATION**

### **FITNESS FOR LIFE (1030)**

**(10-12) Semester**

**\*REQUIRED FOR GRADUATION**

#### **Course Fee Applicable**

*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 *Fitness Gram* 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 (1040)**

**(10-12) Semester**

**Prerequisite: Must have passed Fit for Life**

#### **Course Fee Applicable**

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 ACT. /RACQUET SPORTS (1040)**

**(10-12) Semester**

**Prerequisite: Must have passed Fit for Life**

**Course Fee Applicable**

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 (1050)**

**(10-12) Semester**

**Prerequisite: Must have passed Fit for Life**

**Course Fee Applicable**

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 (1060)**

**(11-12) Semester**

**Prerequisite: Must have passed Fit for Life**

**Course Fee Applicable**

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.

**DRILL TEAM (1275)**

**(10 – 12) Semester**

**\*AUDITIONS 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.

*\*Can be used as a PE or Art credit*

**DANCE COMPANY (2606)**

**(10-12) Year**

**\*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.

*\*Can be used as a PE or Art credit*

**CHEERLEADERS (221)**

**(10-12) Year**

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

**ADVANCED TEAM CONDITIONING (1053)**

**(10-12) Semester**

**Course Fee Applicable**

4<sup>th</sup> 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.

8<sup>th</sup> 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.

**FOOTBALL TEAM CONDITIONING (1053)**

**(10-11) Year**

**(12) 1<sup>st</sup> Semester**

**Course Fee Applicable**

*This class is for athletes participating in football.* It is designed to improve muscular strength, endurance, flexibility, and cardiovascular 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 (850)**

**(10-12) Year**

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

**RELEASED TIME/NON-DENOMINATIONAL BIBLE ACADEMY (851)**

**(10-12) Year**

This class will be held off campus, at the Syracuse Alpine Church.

## SPECIAL EDUCATION

**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 (4090/4110/4170)**

**(10-12) 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 (5210)**

**(10) Year**

**APPLIED MATH 2A (5315)**

**(11) Year**

**APPLIED MATH 2B (5410)**

**(12) 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 (4215/4245)**

**(10-12) Year**

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 (4220)**

**(10-12) Year**

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 (503)**

**(10-11) Year**

Applied skills teaches students with disabilities essential skills needed 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**

**Course Fee Applicable: 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**

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 (6200)**

**(10-12) Year**

**Course Fee Applicable**

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 end of level testing given in May.

### **AP BIOLOGY (6230)**

**(10-12) Year**

**Course Fee Applicable**

Advanced Placement (AP) Biology is a college-level course designed for high school students. It covers a wide range of topics in biology, including cellular structure and function, genetics, evolution, ecology, and biochemistry. The course emphasizes critical thinking, problem-solving, and laboratory skills. Students taking AP Biology often engage in hands-on experiments and learn to apply scientific principles to analyze biological systems. The goal is to provide a challenging and comprehensive understanding of biology, preparing students for the AP Biology exam and potentially earning them college credit.

## **CHEMISTRY (6400)**

**(10-12) Year**

**Prerequisite: Secondary Math 2**

**Course Fee Applicable**

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 end of level testing in May.

## **CE CHEMISTRY & LAB (6450/6451)**

**(10-12) Year**

**Prerequisite: Completion of Secondary Math 2, 3 with a 3.0 or better**

**Course Fee Applicable**

**Students will need to be accepted at WSU and pay for the required eBook to have access to the online assignments and book.**

The purpose of this course is to introduce general and some organic chemistry to students in nursing, engineering technology, and some other fields of science and health professions who will take no more than one year of chemistry. Chemistry 1110 is the first semester of a two-semester series that includes general and organic topics. This course earns 5 credit hours, lecture & laboratory are both required. The Lab course is designed to accompany CHEM 1110. Students will be introduced to lab safety and lab techniques associated with fundamentals of inorganic chemistry and introduction to organic chemistry. Chemistry 1115 course consists of about one 3-hour lab per chapter.

*\*WSU concurrent enrollment fees apply.*

## **CE CHEM 1110:**

The purpose of this course is to introduce general and some organic chemistry to students in nursing, engineering technology, and some other fields of science and health professions who will take no more than one year of chemistry. Chemistry 1110 is the first semester of a two-semester series that includes general and organic topics. This course earns 5 credit hours, lecture & laboratory are both required.

**CE CHEM LAB 1115:** This course is designed to accompany CHEM 1110. Students will be introduced to lab safety and lab techniques associated with fundamentals of inorganic chemistry and introduction to organic chemistry. Chemistry 1115 course consists of about one 3-hour lab per chapter.

*\*WSU concurrent enrollment fees apply.*

## **AP ENVIRONMENTAL SCIENCE (6330)**

**(10-12) Year**

**Course Fee Applicable**

Advanced Placement (AP) Environmental Science is a college-level course offered to high school students. The course explores various aspects of environmental science, including ecosystems, biodiversity, natural resources, pollution, climate change, and sustainability. Students learn to analyze environmental issues from scientific, social, political, and economic perspectives. The curriculum often involves hands-on investigations, fieldwork, and data analysis to develop critical thinking and problem-solving skills. The goal of AP Environmental Science is to provide students with a comprehensive understanding of the natural world and the impact of human activities on the environment. Successful completion of the course may lead to college credit and an increased awareness of environmental issues.

## **PHYSICS (6500)**

**(10-12) Year**

**Prerequisite: Successful completion of Secondary Math 1**

**Course Fee Applicable**

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 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.

### **CE PHYSICS (6540)**

#### **(10-12) Year**

CE Physics is a year-long course that offers a brief survey of physics at the introductory level and is no different than our regular high school physics course in terms of workload and curriculum. Nearly all work is completed during in-class time. This introductory-level physics course provides the student with a general background in many different areas of physics. Topics covered include laws of motion, gravity, energy, light, heat, sound, electricity, magnetism, atomic and nuclear physics, radioactivity, and relativity. Skills that will be emphasized include planning and carrying out investigations, asking questions, analyzing and interpreting data, general problem solving, developing and using models, using evidence for argumentation and explanations, and observing and measuring the physical world. CE Physics is considered PHYS 1010 (3 credits) through Weber State University.

*\*WSU concurrent enrollment fees apply.*

### **AP PHYSICS C (6532)**

#### **(11-12) Year**

#### **Course Fee Applicable**

**AP Physics C: Mechanics (6532) Full year (10- if you are in calculus/11/12)** This course will cover motion, force, and energy; we will be discussing these topics with calculus about 20% of the time. It is equivalent to the first semester of *Physics for Scientists & Engineers* at a university. This is a good course for future STEM majors. College credit awarded depending on university requirements. **Recommendation:** Students should have passed Calculus (AB or BC) or be taking it in the same year as this class.

### **BOTANY/ZOOLOGY (6269/6262)**

#### **BOTANY (SEM 1) ZOOLOGY (SEM2) Year**

#### **Prerequisite: Biology**

#### **Course Fee Applicable**

#### **Botany:**

Botany is the study of plants. In this class we explore their amazing world! We design experiments surrounding plant growth and photosynthesis using our classroom growth chamber. We take a look at how plants have evolved over time and all the cool adaptations they have to survive. This class runs during Fall semester.

#### **Zoology:**

Zoology is the study of animals. In this class we discover the immense diversity of animals on this planet! From observing tiny hydra, and designing experiments on the regeneration of planaria, to dissecting large invertebrates like horseshoe crabs, and even raising butterflies, we get to see the amazing evolution of animals on this planet. This class runs during Spring semester.

### **WILDLIFE BIOLOGY (6250)**

#### **(10-12) Year**

Wildlife biology is designed for students interested in becoming wildlife biologists, conservationists, animal scientists, or anyone who has interest of whole systems ecological balance and the outdoors industry, including game and fishing management. Typical topics addressed in wildlife biology courses include the following: Plant and animal life cycles, Animal physiology and anatomy and diseases, wildlife policies and laws, wildlife ecology. This course also has a focus on wilderness usage and survival skills. It satisfies a 3rd year science credit and provide the hands-on interaction with the environment and survival skills and includes an outside, overnight camping trip to use such acquired skills.

## SKILLED AND TECHNICAL EDUCATION

- **Skills USA membership is encouraged.**

### **AUTO 1 (7642)**

**(10-11) Semester**

**Course Fee Applicable**

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 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 C, or better, throughout the semester, and not received any U's in Citizenship in this course.

### **AUTO 2 (7644)**

**(11-12) Year**

**Course Fee Applicable**

**Prerequisite: Auto 1**

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 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-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.

### **AUTO 3 (7656)**

**(12) Year**

**Two period block class**

**Course Fee Applicable**

**Prerequisite: Auto 1 & 2 with a C or better, and no U's received in either of those classes.**

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.

**CONSTRUCTION MANAGEMENT 1& 2 (7630/32)**

**(10-12) Year**

**Course Fee Applicable**

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.

**WOODS 1 (7670)**

**(10-12) Year**

**Course Fee Applicable**

Students learn to use hand tools and woodworking machines while building a project. Instruction will be given on machine operation, project planning and construction, and wood finishing. Students will build a required project and then one of their choices.

**WOODS 2 (7672)**

**(11-12) Year**

**Course Fee Applicable**

**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.

**UAS COMMERCIAL DRONES PILOT (CE) (7661)**

**(10-12) Semester**

**Course Fee Applicable**

Flying drones outdoors requires certification. Flying drones commercially has more requirements than flying a drone recreationally. Students will earn their TRUST (The Recreational UAS Safety Test) certificate during the course-a requirement to fly drones in this class. However, the focus is to prepare students for the FAA's "Unmanned Aircraft General-Small (UAG)" test, a requirement to become a commercial drone pilot (AKA Part 107 Pilot). While not a requirement for certification, basic drone piloting skills will be covered through a flight simulator and multiple types of drones. **This course is a pre-requisite for advanced drone courses offered at The Catalyst Center.**

*\*USU concurrent enrollment fees apply.*

**PRIVATE PILOT GROUND SCHOOL (7660)**

**(11-12) Semester**

**Course Fee Applicable**

**Hosting school changes each year so see your CTE Coordinator for school rotation.** Credits: CTE or Elective. Magnet class taught in partnership with Cornerstone Aviation, by an FFA certified instructor at DSD High Schools. Course prepares the student for the national airspace system. To include the following fundamentals, but not limited to: Principles of flight, Flight environment, Performance and systems, Meteorology and weather data, Basic navigation, Aviation physiology, Flight planning and decision-making. Additional flight training, course fees, and testing fees required.

# TECHNOLOGY AND ENGINEERING (PLTW)

- **Technology Student Association (TSA) Club enrollment is encouraged.**

## **ROBOTICS 1 or 2 (7885/ 86)**

**(10-12) Semester**

**Course Fee Applicable**

The first in a sequence of courses that prepares individuals with a lab-based hands-on curriculum combining electrical, mechanical, and engineering principles. Students will learn to design, build, program, and control robotic devices. A rigorous study and application of electrical concepts will include sources of energy, electrical safety, use an identification of basic electronic components, sensors, and actuators. Engineering concepts will include mechanical design, prototype development, design testing, programming, and proper engineering documentation.

**\*Check with CTE to see if Robotics 2 is being offered.**

## **INTRO TO ENGINEERING DESIGN CE (7888)**

**(10-12) Year**

**Course Fee Applicable**

This Project Lead the Way (PLTW) course is the equivalent to CAD Mechanical Design 2 in the USBE course catalog. This course series prepares individuals with an emphasis in developing technical knowledge and skills to develop 3D models in support of mechanical and industrial engineers, and related professionals. This includes instruction in the use of 3D Computer-Aided Design (CAD) Software, model creation, and technical communication.

*\*WSU concurrent enrollment fees apply.*

## **PRINCIPLES OF ENGINEERING (CE) (7890)**

**(10-12) Year**

**Course Fee Applicable**

**Prerequisite: Math 2 or 9th grade Honors Math**

**Recommended Prerequisites: Physics**

This Project Lead the Way (PLTW) course is the equivalent to Engineering Principles 1 and 2 in the USBE course catalog. The first in a sequence of “hands-on” courses that tie observations and concepts common to a variety of different engineering disciplines in order to develop a better understanding of basic math and science principles used in engineering. By utilizing problem-solving skills in a laboratory environment, students will develop skills and attributes that impact and expand occupational opportunities. This is a foundation course in the engineering pathway.

*\*WSU concurrent enrollment fees apply.*

## **ENGINEERING DESIGN & DEV. CE (7896)**

**(12) Year**

**Course Fee Applicable**

**Prerequisite: Intro to Engineering, Principles of Engineering**

**Capstone Course**

As members of an engineering team, students apply science, technology, and mathematical concepts and skills to solve engineering design problems or to significantly innovate existing products. Students research, develop, test, and analyze designs using criteria such as cost, effectiveness, safety, human factors, and ethics. Long term project development by student teams and regular interaction with and presentations to members of industry are essential components to the success of this course. This course counts as CAD Mech 2 & 3.

*\*WSU concurrent enrollment fees apply.*

**\* This course is not taught every year. Please contact the CTE office to see if this course is available.**

# SOCIAL STUDIES

## **WORLD HISTORY (4540)**

### **(10) Year**

This survey class is required of all sophomores to complete their graduation requirements. The course is a series of two 1 semester sections; one consisting of Ancient History (pre-history to 1500 A.D.), the other semester, 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 (4591)**

### **(10-12) Year**

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

## **AP AFRICAN AMERICAN STUDIES (4599)**

### **(11/12) Year**

**Pre-requisite: none**

**College credit given by universities based on AP test score**

**AP test fees apply**

This course is designed to offer students an evidence-based introduction to African American studies. The interdisciplinary course reaches into a variety of fields—literature, the arts and humanities, political science, geography, anthropology, and science—to explore the vital contributions and experiences of African Americans. A solid understanding of how African Americans have shaped America, its history, laws, institutions, culture and arts, and even the current practice of American democracy, sharpens all knowledge about our nation.

College credit may be available based upon achievement on the AP test.

## **CE AMERICAN NATIONAL GOVERNMENT (POLS 1100) (4566)**

A study of American constitutional democracy at the national level, including political institutions, interests, ideals, and the processes through which policies are formulated and implemented.

*\*WSU concurrent enrollment fees apply.*

## **U.S. HISTORY 2 (4550)**

### **(11) Year**

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. College credit may be available based upon achievement on the AP test.

## **CE AMERICAN CIVILATIONS (4555)**

### **(11-12) Year**

This course will investigate the changes in American History by events, trends, and movements. Students in this course will assess historical materials, weigh evidence, and interpret conclusions in essays.

*\*WSU concurrent enrollment fees apply.*

### **AP AMERICAN HISTORY (4593)**

#### **(11-12) Year**

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.

### **U.S. GOVERNMENT & CITIZENSHIP (4560)**

#### **(11-12) Semester**

#### ***\*REQUIRED FOR GRADUATION***

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

### **AP US GOVERNMENT & POLITICS (4594)**

#### **(11-12) Semester**

This course may be taken along with AP Comparative Government and Politics as a full-year option (See Next Course in the Catalog) or alone as a semester course. The AP US Government & Politics semester course allows Juniors and Seniors the opportunity to study the American political system and its political institutions, ideas, and philosophies. Students will develop analytical skills necessary to deal with the critical issues of our government system.

This class fulfills US Government & Citizenship credit.

College credit may be available based upon achievement on the AP test.

### **AP COMPARATIVE GOVERNMENT & POLITICS with AP US GOV'T AND POLITICS (4594/4595)**

#### **(11-12) Year**

In this full-year course, AP Comparative Government and Politics is taught in conjunction with AP US Government and Politics. The AP Comparative Government semester course allows students the opportunity to study and compare six nation states: China, The United Kingdom, 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, political upheaval and regime changes, and the impact of global political and economic changes.

College credit may be available based upon achievement on the AP test.

### **SOCIOLOGY (4601)**

#### **(11-12) Semester**

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.

### **CE INTRODUCTION TO SOCIOLOGY (SOC 1010) (4607)**

An introduction to the study of Sociology through the concepts and principles used to understand and evaluate society. It focuses on all aspects of society: culture; social interaction; institutions; group processes; deviance and social control; stratification, diversity, and inequality based on race, ethnicity, class, gender, etc.; and social stability and change.

*\*WSU concurrent enrollment fees apply.*

### **PSYCHOLOGY (4570)**

#### **(11-12) Semester**

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.

**PSYCHOLOGY OF HAPPINESS (4571)**

**(11-12) Semester**

This semester course is designed for juniors and seniors to instruct students on science-based psychological theories and principles that have been shown to increase psychological well-being and health. Topics include, but are not limited to, theories of positive psychology as a science, biopsychological influences on mental health, and the implementation of psychological principles to improve mental well-being.

**CE SPORTS PSYCHOLOGY (4572)**

**(11-12) Semester**

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 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. 3.0 GPA Required.

**AP PSYCHOLOGY (4598)**

**(10-12) Year**

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.

**HISTORY OF SPORTS (4615)**

**(11-12) Semester**

In this course we will look into the history of sports. We will cover multiple aspects and the impact of athletics as it relates to different cultures throughout world history. We will also cover specific sports, how and where they started, and the social, emotional impact that sports have had on the story of mankind.

**STUDENT GOVERNMENT**

**STUDENT GOVERNMENT**

\*Campaign, Election, Application, and/or Interview only.

# DAVIS TECHNICAL COLLEGE (DTC)

## Available Programs

8018	Cosmetology/Barbering	12
8075	Nail Technician	12
8005	Esthetician	12
8080	Pharmacy Technician	12
8049	Automation & Robotics	11 12
8055	Automotive Technician	11 12
8008	Arch & Eng. Design (CAD)	11 12
8006	Business Administrative Services	11 12
8010	Composite Materials	11 12
8020	Culinary Arts	11 12
8079	Phlebotomy (Must be 18)	12
8030	Dental Assistant	11 12
8035	Diesel/Heavy Duty Technology	11 12
8048	HVAC (Night only)	11 12
8052	Information Technology/Cybersecurity	11 12
8063	CNC Machining	11 12
8070	Medical Assisting	12
8078	Nurse Assistant (CNA)	11 12
8081	Plastic Injection Molding	11 12
8083	Plumbing	11 12
8093	Web Design	11 12
8095	Welding	11 12
8044	Emergency Medical Technician	12
8045	Firefighter	12
8060	Construction Technology	11 12
8030	Dental Assistant	11 12
8035	Diesel/Heavy Duty Tech	11 12
8040	Electrician (Apprentice)	11 12
8071	Medical Billing & Coding	11 12

**\*\*Application required, 2 period blocks, provide own transportation**

**Davis Tech Classes taught at SHS**

8010/66	Composites/Manufacturing Principles	10	11	12
8011	Composites 2		11	12
8095	Welding Tech 1	10	11	12
8097	Welding Tech 2		11	12
8099	Welding Tech 3			12

**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.

Please see Mrs. Stumo or your counselor for information and availability.

**CATALYST CENTER**

Apply at: [catalyst.davis.k12.ut.us](http://catalyst.davis.k12.ut.us)

**CONCURRENT ENROLLMENT (CE)**

**WHAT?** College credit offered while you are in high school.

**WHERE?** Syracuse High School

**WHEN?** 10<sup>th</sup>, 11<sup>th</sup> & 12<sup>th</sup> grade

**WHY?** Save money, time, start college classes and work on general education early.

**Earn the Edge Scholarship** = \$2,000 per year up to 4 years

Earn a minimum of 12 C.E. credits while in high school with a 3.0 college GPA

**For more information: [weber.edu/Concurrent EnrollmentEdge](http://weber.edu/ConcurrentEnrollmentEdge)**

## HOW?

Go to [weber.edu/concurrent](http://weber.edu/concurrent) & follow the steps:

1. **Apply to Weber State**

Create username and PIN

You will need a credit/debit card to pay the one-time \$30 admission fee.

Allow 48 hours before you move to step 2

2. **Set Up WILDCAT Account**

Enter social security number & birth date for temporary username/password

Change your temporary password

3. **Register for Courses when you start them at SHS**

Enter your username and password

Click on CHOOSE YOUR SCHOOL - SHS

Choose Class with instructor/ ADD

Add courses and continue until payment screen

Pay tuition – you are not registered until you pay - BE AWARE OF DEADLINES

## HELP?

### **Syracuse High School**

Leslie Fessler, CTE secretary: 801-402-7919 [lfessler@dsdmail.net](mailto:lfessler@dsdmail.net)

Steve Fenn, CTE Director: 801-402-7924 [scfenn@dsdmail.net](mailto:scfenn@dsdmail.net)

### **Weber State University**

Richard Leary Advisor: 801-395-3529 [richardleary@weber.edu](mailto:richardleary@weber.edu)

## **Transition to College - In October of your senior year complete a “*Status Switch*”**

1. Log in to your eWeber student portal at weber.edu
2. Click on the Admissions tab, or search for “*Status Switch*” (Light switch icon)
3. Complete the questions and you are done

**Early College**- Attend college in High School. For more information, see web site [www.weber.edu/earlycollege](http://www.weber.edu/earlycollege)