

# SYRACUSE HIGH COURSE CATALOG

2023-2024

**SYRACUSE**  
**TITANS**





# Table of Contents

<a href="#"><u>Graduation Requirements.....</u></a>	<a href="#"><u>3</u></a>
<a href="#"><u>Agriculture.....</u></a>	<a href="#"><u>4</u></a>
<a href="#"><u>Art.....</u></a>	<a href="#"><u>4-7</u></a>
<a href="#"><u>Business.....</u></a>	<a href="#"><u>8-11</u></a>
<a href="#"><u>Information Technology.....</u></a>	<a href="#"><u>11-14</u></a>
<a href="#"><u>Education.....</u></a>	<a href="#"><u>15</u></a>
<a href="#"><u>Debate.....</u></a>	<a href="#"><u>15-16</u></a>
<a href="#"><u>Electives.....</u></a>	<a href="#"><u>16-17</u></a>
<a href="#"><u>Drivers Education.....</u></a>	<a href="#"><u>17</u></a>
<a href="#"><u>English.....</u></a>	<a href="#"><u>17-19</u></a>
<a href="#"><u>Family and Consumer Science.....</u></a>	<a href="#"><u>19-22</u></a>
<a href="#"><u>Foreign Language.....</u></a>	<a href="#"><u>22-25</u></a>
<a href="#"><u>Health Sciences.....</u></a>	<a href="#"><u>25-26</u></a>
<a href="#"><u>Internships.....</u></a>	<a href="#"><u>27</u></a>
<a href="#"><u>Mathematics.....</u></a>	<a href="#"><u>27-30</u></a>
<a href="#"><u>Performing Arts/Music.....</u></a>	<a href="#"><u>31-34</u></a>
<a href="#"><u>Physical Education.....</u></a>	<a href="#"><u>34-36</u></a>
<a href="#"><u>Release Time.....</u></a>	<a href="#"><u>36</u></a>
<a href="#"><u>Special Education Services.....</u></a>	<a href="#"><u>36-37</u></a>
<a href="#"><u>Science.....</u></a>	<a href="#"><u>37-39</u></a>
<a href="#"><u>Skilled and Technical Education.....</u></a>	<a href="#"><u>39-41</u></a>
<a href="#"><u>Technology and Engineering .....</u></a>	<a href="#"><u>41-42</u></a>
<a href="#"><u>Social Studies .....</u></a>	<a href="#"><u>42-43</u></a>
<a href="#"><u>Student Government.....</u></a>	<a href="#"><u>44</u></a>
<a href="#"><u>Davis Technical College.....</u></a>	<a href="#"><u>44</u></a>
<a href="#"><u>Magnet Courses.....</u></a>	<a href="#"><u>45</u></a>
<a href="#"><u>Concurrent Enrollment .....</u></a>	<a href="#"><u>45-46</u></a>



# 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

This course meets the state standards and objectives for Biology with application in agriculture. The scientific process is learned and practiced in the classroom, laboratory, and in the field.

## ANIMAL SCIENCE (7131)

(10-12) Year

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

## FLORICULTURE & GREENHOUSE MGMT. (7151)

(10-12) Year

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

## CE PLANT AND SOIL SCIENCE (7161)

(11-12) Year

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

*\*WSU concurrent enrollment fees apply.*

# ART

## AP STUDIO ART 2D (2126)

(11-12) Year

**Course Fees: \$30.00 lab fee + MATERIALS FEE AS NEEDED PER INDIVIDUAL INTEREST**

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

## CE ART HISTORY (2132)

(11-12) Semester

**Course Fee: \$15.00**

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, issues such as politics, religion, patronage, gender, and ethnicity. Participation through presentations and discussions is emphasized. Writing skills are used in essay format tests to clearly demonstrate understanding. This course provides insight into the values and concerns of various peoples and the ways in which they interpreted.

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

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

**(11-12) Semester**

**Course Fee: \$15.00**

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**

**Lab Fee: \$20.00 and \$10.00 per bag of clay.**

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

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

**(10-12) Semester**

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

**Lab Fee: \$20.00 and \$10.00 per bag of clay.**

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

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

**(11-12) Semester**

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

**Lab Fee: \$20.00 and \$10.00 per bag of clay.**

This course is an advanced pottery and sculpture course. For students with a mastery of elementary ceramic principles who wish to further develop their knowledge and skill. Students should have been able to develop projects and promote processes that are their own. Students must be proficient with wheel-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*.

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

**(10-12) Semester**

**Lab Fee: \$15.00**

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

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

**(10-12) Semester**

**Prerequisite: Foundations Art 1\***

**Lab Fee: \$15.00**

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**

**Lab Fee: \$15.00**

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.**

**Lab Fee: \$15.00**

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)**

**Lab Fee: \$15.00**

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**

**Lab Fee \$15.00 and 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.

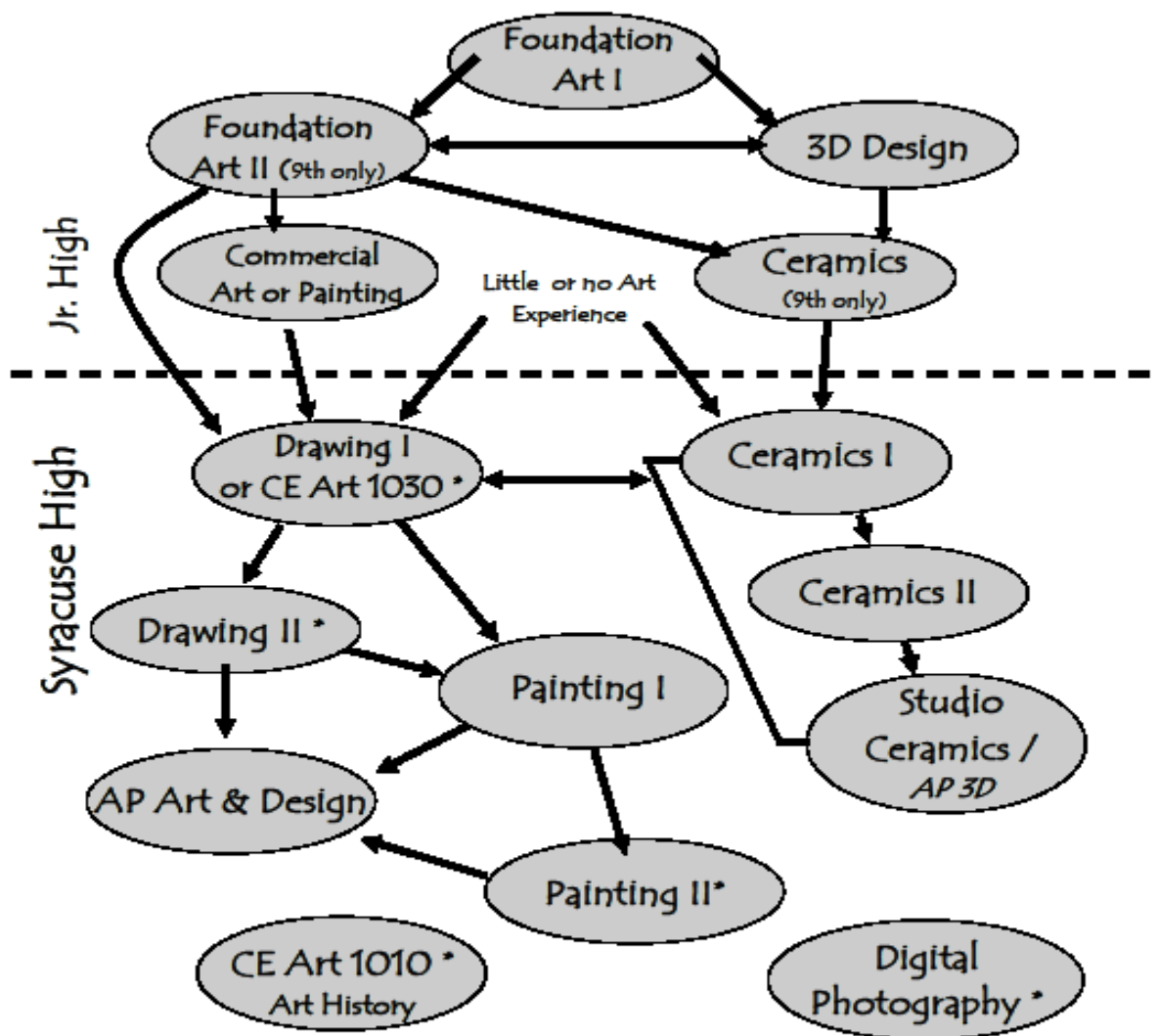
**FILM STUDIES (2125)**

**(11-12) Semester**

**Course Fee: \$10.00**

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: \$5.00**

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: \$5.00**

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 COMMUNICATIONS (7515)**

**(11-12) Semester**

**Course Fee: \$5.00**

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

## **BUSINESS LAW (7520)**

**(10-12) Semester**

**Course Fee: \$5.00**

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.

## **BUSINESS LEADERSHIP 1 (7555)**

**(10-12) Semester**

**Course Fee: \$10**

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**

**Course Fee: \$5.00**

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

*\*WSU concurrent enrollment fees apply.*

**GENERAL FINANCIAL LITERACY (7075)**

**(11-12) Semester**

**Course Fee: \$8.00**

***\*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 ways 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: \$10.00**

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.*

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

**(10-12) Semester**

**Prerequisite: Digital Studies Course**

**Course Fee: \$5.00**

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 MARKETING (7539)**

**(11-12) Semester**

**Course Fee: \$10.00**

TV commercials? Meet the DVR. Email? Old school? It is all about Facebook, Pinterest, Twitter, QR codes and apps. This course will provide students with a foundation and skill set in the new, evolving world of social media tools and strategies. Topics covered:

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

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

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

**(10-12) Semester**

**Course Fee: \$10.00**

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 ENT. MARKETING (7570)**

**(10- 12) Semester**

**Lab Fee: \$10.00**

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

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

**(11 -12) Year**

**Teacher Approval Required**

**Prerequisite: Any Marketing Class**

**Course Fee: \$10.00**

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**

**Course Fee: \$10.00**

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

*\*WSU concurrent enrollment fees apply.*

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

**(10- 12) Semester**

**Course Fee: \$10.00**

**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**

**Course Fee: \$10.00**

Do you love to travel? Think about a career in the Travel industry. This course provides the student with an understanding of one of the largest industries in the world. Specific applications include the evolution of the tourism industry, destination geography, airlines, international travel, traveling by rail, car rentals, cruising, hospitality industry, tours, meetings, and marketing and sales.

### **ECONOMICS (7540)**

**(10- 12) Semester**

**Course Fee: \$10.00**

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

## **INFORMATION AND TECHNOLOGY**

### **CYBER DEFENCE & ETHICALS (7748)**

**(11-12) Semester**

**Course Fee: \$10.00**

**Prerequisite: Digital Studies Cr.**

This course will immerse you into the Hacker Mindset, so that you will be able to ethically defend against future attacks. The security mindset in any organization must not be limited to the silos of a certain vendor, technologies, or pieces of equipment. This course puts you in the driver's seat of a hands-on environment with a systematic process. Here, you will be exposed to an entirely different way of achieving optimal information security posture in their organization, by hacking it! You will scan, test, hack, and secure your own systems. You will be taught the five phases of ethical hacking and the ways to secure and approach your target to succeed! The five phases include Reconnaissance, Gaining Access, Enumeration, Maintaining Access, and Covering Your Tracks. 2.00 min. GPA, Application req.

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

**(10-12) Year**

**Course Fee: \$10.00**

This course students will create interactive computer projects. Students will learn basic graphic design and audio editing. Digital Media is the second half of Digital Graphic Arts where students will create interactive computer projects. They will learn basic video editing, animation, and web design through individual and team assignments.

*\*WSU concurrent enrollment fees apply.*

### **ADV. DIGITAL MEDIA (7756)**

**(11- 12) Year**

**Course Fee: \$10.00**

Digital Media 2 is the second-year multimedia course where students will create advanced interactive computer applications using the elements of text, 2D and 3D graphics, animation, sound, video, and game making. A major emphasis will be placed on 3D Modeling and Animation.

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

**(10-12) Year**

**Course Fee: \$10.00**

This is a beginning through intermediate course in computer programming. This course introduces students to the computer programming fundamentals of simple control and data structures, basic operating system commands, sequential files, arrays, recursive processes, and the use of text files. Students will learn to design, code, and test their own programs. Strong Math skills are required, and problem-solving skills will be stressed with students solving problems in the areas of Engineering, Science, Math and Business. *This course can count as a 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 Prog. 1 & 2**

**Course Fee: \$10.00**

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

### **COMPUTER SCIENCE PRINCIPLES CE (7740)**

**(10-12) Semester**

**Course Fee: \$10.00**

The course places emphasis on the principles of computer science rather than just programming. Big ideas and concepts include Computing is a creative activity. Abstraction reduces information and detail to facilitate focus on relevant concepts. Data and information facilitate the creation of knowledge. Algorithms are used to develop and express solutions to computational problems. Programming enables problem solving, human expression, and creation of knowledge. The Internet pervades modern computing. Computing has global impacts. Pre-req for CE Computer Programming 2 and CE Database Development. Can be taken without CE credit.

*\*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**

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

### **GAME DEVELOPMENT 1 (7764):**

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

**Prerequisite: Coding in a Jr. High class, Programming 1 or Web Development 1.**

Game Development Fundamentals 1 is a project-based class centered on students building their own 2D game using Gamemaker. Students will explore game design, scripting, digital art, animations, problem solving, and project management.

### **GAME DEVELOPMENT 2 (7766):**

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

**Prerequisite: Game Development 1**

Game Development Fundamentals 2 is a project-based class centered on students building their own 3D game using Blender and Unreal Engine. Students will explore game design, scripting, digital art, 3D graphics, animations, problem solving, and project management.

### **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.

# Information Technology Flow Chart

10<sup>th</sup> Grade

11<sup>th</sup> Grade

12<sup>th</sup> Grade

**Digital Graphic Arts & Digital Media 1**  
**Year 10 – 12th**  
 Interactive media, network systems database, programming, Graphic design, photo shop, illustrator

**Digital Media 2 \***  
**Year**  
 Advanced interactive computer applications using the elements of text, 2D and 3D graphics, animation, sound, video, and gaming

**CE Web Development**  
**Semester**  
 Basic web page creation. Learn basic HTML and CSS code.

**CE Computer Science Principles**  
**Semester**  
 Introduction to careers in computer: Interface design, limits of computers

**CE Database Development \***  
**Year**  
 Manipulate data (DML) database subjects (DDL) (SQL) programming

**Computer Programming 1 \***  
**Semester 1 10 – 12th**  
 Design, code and test your own programs

**Computer Programming 2 \***  
**Semester 2 10 – 12th**  
**(to be taken with Computer Programming 1)**  
 Introduces more complex data structures their uses including sequential files, arrays & classes

**Advanced Computer Programming\***  
**Year**  
 Highlights the topics between the programming languages of Computer Programming

AP Computer Science A \*

Year

Mobile Development Fundamentals \*

Semester

Develop apps for phones, tablets, and other devices that run on a variety of operating systems.

*Can be used for*

*Concurrent Enrollment with Computer Programming 2*

# 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 (216)**

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

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

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

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

## **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: \$50.00

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: \$50.00

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: \$50.00

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. Attendance at yearly summer camp is suggested. (Students who attend camp may receive two WSU Communication credits).

## **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 PRIDE (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.**

**Fee: 80.00**

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

First semester is for those students who turn 16 years of age before Feb. 29 of the following year. Second semester is for those students who turn 16 years of age between March 1 and August 31 of that same year.

The quarter opposite Driver's Education will be our Transition Class, **TITAN PRIDE**, which will be integrated with our Driver's Education Curriculum.

# 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.

### **ENGLISH 10 HONORS (4085)**

**(10) Year**

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

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

### **ENGLISH 11 (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**

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

### **AP LITERATURE AND COMPOSITION (4315)**

**(12) Year**

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

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

### **CE ENGLISH 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: \$5.00**

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

*\*WSU concurrent enrollment fees apply.*

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

**(10-12) Semester**

**Prerequisite: Child Development**

**Course Fee: \$5.00**

This curriculum prepares individuals for child-related careers and/or more extensive parenting skills. Instruction is given regarding standards involved with childcare, employment skills needed to work with young children, how to maintain a healthy environment for children, developmentally appropriate practices (DAP) and curriculum design for young children. On-site lab experiences will be a component of the course. A skills certificate will be awarded to students who complete the CTE state performance objectives and the CTE state test with 80% accuracy.

*\*WSU concurrent enrollment fees apply.*

**EARLY CHILDHOOD EDUCATION 2 (7413)**

**(10-12) Semester**

**Prerequisite: Child Development, ECE**

**Course Fee: \$5.00**

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

**EARLY CHILDHOOD EDUCATION 3 (7415)**

**(CHILD CARE CENTER)**

**(11-12) Semester**

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

**Course Fee: \$5.00**

The primary focus of this class is to complete steps to apply for the Child Development Associate (CDA) credential through hands-on, on-site early child development experiences. This course prepares individuals for careers and entrepreneurial opportunities in early childhood education. Experiences include program planning and management, resource and facility management, peer mentoring, supervising recreational and play activities, and preparing, implementing, and evaluating learning experiences for children. A skills certificate will be awarded to students who complete the CTE state performance documentation and CTE state test with 80% accuracy. Completion and documentation of this career pathway can directly support students in completing the Child Development Associates (CDA) credential. This class may be repeated as students work to complete their CDA requirements. **There may possibly be a \$15.00 fee paid to state licensing for a background screening. This screening is good for one year and may be used at other childcare facilities in the state of Utah.**

**CE HUMAN DEVELOPMENT (7417)**

**(11-12) Semester**

**Course Fee: \$5.00**

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: \$5.00**

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: \$5.00**

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 and will be introduced to quilting techniques which will give them the opportunity to use the industrial quilting machine.

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

**(10-12) Semester**

**Course Fee: \$5.00**

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

### **FOOD & NUTRITION (7460)**

**(10-12) Semester**

**Course Fee: \$15.00**

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

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

**(10-12) Semester**

**Course Fee: \$15.00**

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

### **CE FOUNDATIONS OF NUTRITION (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 (7469/ 7470)**

**(11-12) Year**

**Prerequisite: Food & Nutrition 1 or 2 is required**

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

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

**INTERIOR DESIGN 1 (7445)**

**(10-12) Semester**

**Course Fee: \$9.00**

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

**CE INTERIOR DESIGN (7448)**

**(10-12) Semester**

**Prerequisite: Interior Design 1**

**Course Fee: 5.00 and additional supplies will be needed for this course.**

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: ProStart 1 & 2, Application Required.**

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.

## FOREIGN LANGUAGE

**CHINESE 1 (3310)**

**(10-12) Year**

**Course Fee: \$5.00**

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: \$5.00**

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

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

**(10-12) Year**

**Prerequisites: Chinese 1 and 2**

**Course Fee: \$5.00**

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.

**FRENCH 1 (3210)**

**(10-12) Year**

**Course Fee: \$5.00**

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

**FRENCH 2 or CE FRENCH 2 (3220)**

**(10-12) Year**

**Prerequisites: French 1**

**Course Fee: \$5.00**

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

*\*WSU concurrent enrollment fees apply.*

**FRENCH 3 or CE FRENCH 3 (3230)**

**(10-12) Year**

**Prerequisite: French 1 and 2**

**Course Fee: \$5.00**

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

*\*WSU concurrent enrollment fees apply.*

**FRENCH 4 or CE FRENCH 4 (3240)**

**(10-12) Year**

**Prerequisite: French 1, 2, 3**

**Course Fee: \$5.00**

French 4 is an expansion of French 3. It is designed to provide talented language students some opportunities beyond those offered in other languages classes. The course utilizes higher-level /critical thinking skills and focuses on the development of intermediate-high proficiency in oral skills, comprehension of French literature and history, expository composition, and expanded use of grammar and vocabulary. The focus of this course is to intermediate-high proficiency.

*\*WSU concurrent enrollment fees apply.*



**SPANISH 1 (3110)****(10-12) Year****Course Fee: \$5.00**

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

**SPANISH 2 or CE SPANISH 2 (3120)****(10-12) Year****Prerequisite: Spanish 1****Course Fee: \$5.00**

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

*\*WSU concurrent enrollment fees apply.*

**SPANISH 3 or CE SPANISH 3 (3130)****(10-12) Year****Prerequisite: Spanish 2****Course Fee: \$5.00**

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

*\*WSU concurrent enrollment fees apply.*

**SPANISH 4 or CE SPANISH 4 (3140)****(10-12) Year****Prerequisite: Spanish 3****Course Fee: \$5.00**

Spanish IV is an expansion of Language III. It is designed to provide tenth, eleventh and twelfth grade talented language student some opportunities beyond those offered in other language classes. The course utilizes higher-level/critical thinking skills and focuses on the development of intermediate-high proficiency in oral skills, comprehension of Spanish literature and history, expository composition, and expanded use of grammar and vocabulary. The focus of this course is intermediate-high proficiency.

*\*WSU concurrent enrollment fees apply.*

**AP SPANISH (3170)****(10-12) Year**

Advanced level course focusing on preparation for the AP Spanish Language test. Much emphasis on listening, speaking, reading, writing, and especially on advanced grammar concepts.

**CE SPANISH BRIDGE 1, 2, 3 (3186 / 3187 / 3188)****(10-12) Year****Prerequisite: In grades 9-11, pass AP Spanish Language and Culture Test with 3 or above.**

This course considers how critical moments of change in the Spanish-speaking world have shaped the present by building new identities. By the end of this course, students will be able to discuss familiar topics as well as some concrete social, academic, and professional topics. Students will utilize interpretive communication skills (listening and reading) to speak and write in detail and in an organized way about events and experiences in various time frames, to confidently handle routine situations with an unexpected complication, and to share their point of view in discussions on some complex cultural and historical issues.

*Other credits: 12th grade English Credit, 3 WSU SPAN 3116 WSU registration and course fees apply.*

# 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: \$10.00**

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: \$10.00**

**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**

**Lab Fee: \$15.00 per semester**

**Utah Skills Certification available**

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

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

**(11-12) Year**

**Prerequisite: Biotechnology or Teacher Recommendation**

**Lab Fee: \$15.00 per Semester**

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

**Utah Skills Certification available.**

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

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

**(11-12) Year**

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

**Material fee of \$75.00 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)**

HHS 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: \$35.00**

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.

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

## **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.

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

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

### **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.

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

### **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**

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

**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.

**DATA SCIENCE (5535)**

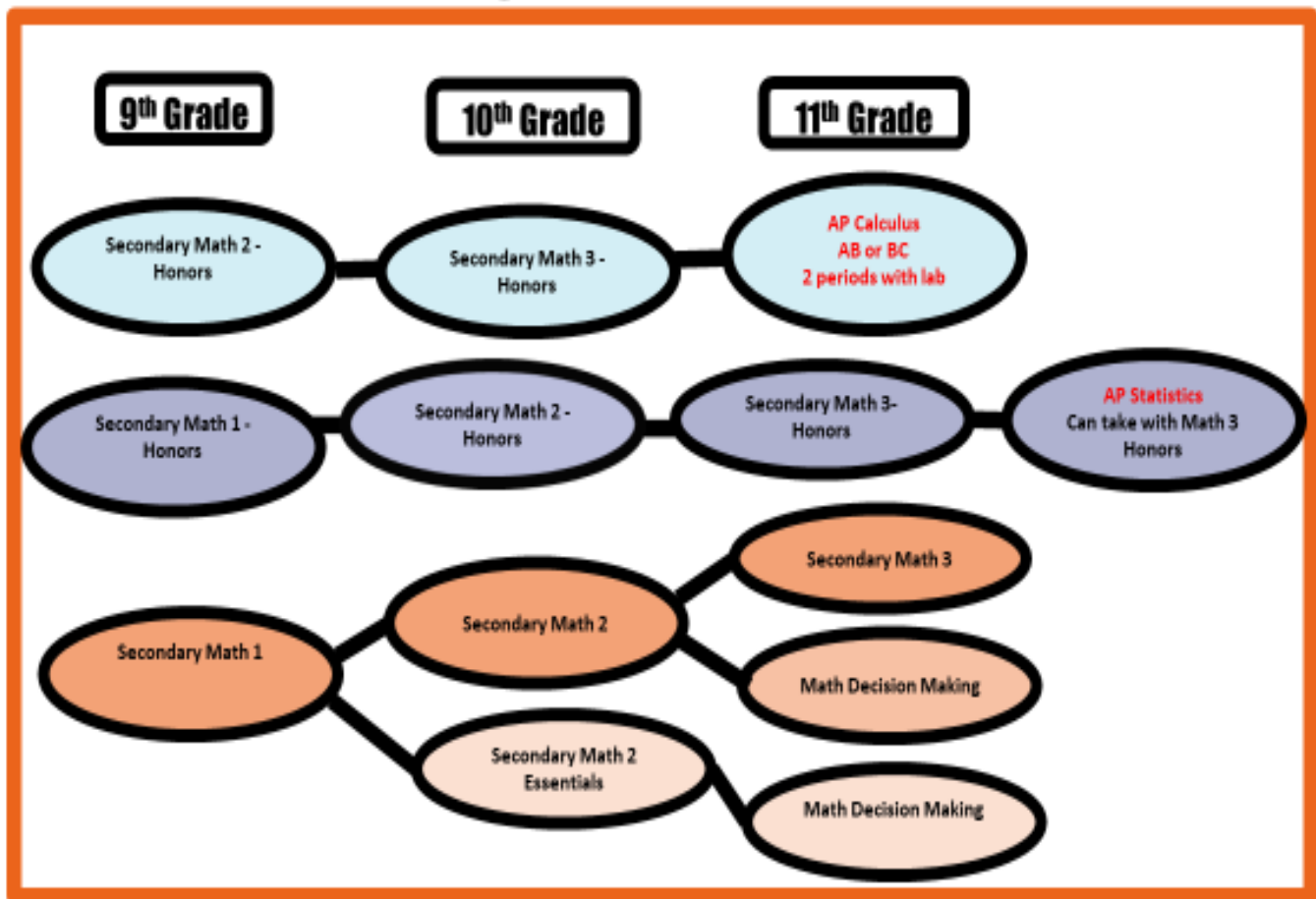
**(11-12) Year**

***\*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\*\****

# Syracuse High Math Department



Additional Math Options **IF** you have finished Math II  
**College bound students should go on to Math III**  
 Accounting 1/Accounting 2  
 Computer Programming 1A/1B  
 Computer Programming II



# 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: \$35.00**

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

## **BAND LEVEL 3 (2224)**

### **PERCUSSION ENSEMBLE**

**(10-12) Year**

**Course Fee: \$35.00 & \$95.00**

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

## **BAND LEVEL 3 (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**

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

**CHOIR LEVEL 2 (2309)**

**MEN'S CHOIR T/B**

**(10-12) Year**

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

**CHOIR LEVEL 3 (2310)**

**A CAPPELLA**

**(11-12) Year**

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

**CHOIR LEVEL 3 (2311)**

**CARITAS S/A**

**(10-12) Year**

This course is open to 10-12 grade women by audition only. It is a full year course. In addition to the basic curriculum listed above, this choir will represent Syracuse High School at festivals. This is an accelerated course for the dedicated choral student. **There will be extra rehearsals and performances outside of class time.** Students must maintain academic eligibility.

**CHOIR LEVEL 3 (2315)**

**MADRIGALS**

**(11-12) Year**

This course is open to men and women 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 choral student including many rehearsals and performance outside of class time.** Students are expected to register for A Cappella and Madrigals for the full year.

**ORCHESTRA CONCERT (2409)**

**(10) Year**

This Orchestra class is for sophomores only who have played the violin, viola, cello, or bass for at least 3 years. There is no audition required. Students are expected to make an optional one-time purchase of our concert uniform (\$120.00 tuxedo for men, \$72.00 dress for women) that will be used for the duration of their time in orchestra. There is also a participation fee. Students will have the opportunity to participate in our annual out-of-state tour in the spring, but this is not required. There are some activities held outside of normal school hours such as concerts and festivals, but these will be minimal.

Violas, cellos, and basses are available to rent for a yearly fee of \$95.00.

### **ORCHESTRA SYMPHONIC (2409)**

**(11-12) Year**

This Orchestra class is for juniors and seniors only who have played the violin, viola, cello, or bass for at least 3 years. There is no audition required. Students are expected to make an optional one-time purchase of our concert uniform (\$120.00 tuxedo for men, \$72.00 dress for women) that will be used for the duration of their time in orchestra. There is also a participation fee. Students will have the opportunity to participate in our annual out-of-state tour in the spring, but this is not required. There are some activities held outside of normal school hours such as concerts and festivals, but these will be minimal.

Violas, cellos, and basses are available to rent for a yearly fee of \$95.00.

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

**(10-12) Semester**

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

**Course Fee: \$10.00**

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: \$10.00**

CE Dance is an introduction to dance providing a knowledge base from which to experience dance from a variety of viewpoints: historically, culturally, aesthetically, critically, and creatively. This course takes a close-up look at the rules, messages, and meanings embodied in dance around the world. Open to all students. This is a concurrent enrollment class taught through Weber State University. 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: \$10.00**

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

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

### **THEATRE LEVEL 3 (2504)**

**(10-12) Semester**

**Course Fee: \$10.00**

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

### **THEATRE LEVEL 4 (2505)**

**(10-12) Semester**

**Prerequisite: Theater 3**

**Course Fee: \$10.00**

Students will be studying Theatre on a deeper, more individualized level than in Theatre 3. Play analysis and character analysis are introduced and studied. Strong emphasis will be on early Theatre History including Greek and Asian Theatre through Elizabethan Theatre. Students must be willing to perform in front of peers in both a group and individual setting and demonstrate an appreciation for all areas of theatre. Students are required to see live theatre performances outside of class time.

### **THEATRE 4 CREATIVE (2505)**

**(10-12) Semester**

**\*AUDITIONS ONLY**

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)**

**PLAY READING**

**(11-12) Semester**

**Course Fee: \$10.00**

This is a college level Theatre class. The course of study is equivalent to Theatre 1010 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**

**Class Fee: \$50.00**

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

### **STAGE CRAFT (2514)**

**(10-12) Year**

**\*PERMISSION OF INSTRUCTOR**

**Course Fee: \$10.00**

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. Students must complete an application with teacher before registration will be allowed.

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

**(10-12) Year**

**Prerequisite: Stage Craft**

**Course Fee: \$10.00**

This is a class for students who have taken at least one semester of Stage Craft (or another theater class) 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: \$5.00**

*Fitness for Life* is an individualized, concepts-based, one-semester course designed to give students the knowledge and skills necessary to self-assess, create, conduct, evaluate, and redesign personal fitness programs. It is required of all students and there are no substitutions, including participation in athletics. The course is a combination of classroom and activity-based learning activities with a focus on proper nutrition and the mastery of skills and concepts necessary for students to become accomplished monitors of their personal fitness. Through participation, students learn to compare the fitness benefits in a variety of individual and team activities. Fitness testing is used to establish individual baseline levels for designing fitness programs, to show improvement, and to provide students with personal information. Scores on fitness tests are not used as the primary or only measure of success in *Fitness for Life*. The *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: \$5.00**

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

## **LIFETIME ACT. /RACQUET SPORTS (1040)**

**(10-12) Semester**

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

**Class Fee \$5.00**

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

## **BODY CONDITIONING (1050)**

**(10-12) Semester**

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

**Course Fee: \$5.00**

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

## **YOGA (1060)**

**(11-12) Semester**

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

**Course Fee: \$5.00**

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

**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: \$5.00**

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: \$5.00**

*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.

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

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

**APPLIED SKILLS/TRANSITION**

**(12) Year**

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**

**Lab Fee: \$10.00**

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

## **AP BIOLOGY (6230)**

**(10-12) Year**

**Lab Fee: \$10.00**

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

## **CHEMISTRY (6400)**

**(10-12) Year**

**Prerequisite: Secondary Math 2**

**Lab Fee: \$10.00**

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

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

**(11-12) Year**

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

**Lab Fee: \$10.00**

**Student will also need to purchase the required textbook.**

This course will introduce general and some organic chemistry to students in nursing, engineering technology, and some other fields of science and health professions. Chemistry 1110 is the first semester of a two-semester series that includes general, organic, and biochemistry.

*\*WSU concurrent enrollment fees apply.*

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

**(10-12) Year**

**Lab Fee: \$10.00**

AP Environmental Science will provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary and embraces a wide variety of topics from different areas of study.



### **PHYSICS (6500)**

**(10-12) Year**

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

**Lab Fee: \$10.00**

Students will learn and master problem-solving techniques and apply scientific methods with such topics as motion, Newton's laws, energy, conservation laws, gravity, waves, light, sound, and electrostatics. This course is intended to develop creativity and critical thinking skills through reformed science education practices which include, but not limited by, both model-based inquiry labs as well as labs that explore each of the 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**

**Lab Fee: \$10.00**

**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**

**Lab Fee: \$10.00**

**Botany:**

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

Students will explore the major phyla of kingdom Plantae, learn how to identify various common woody plants in the neighborhood, how they work, and how they interact with the environment around them. They will learn about water transport, weather management, and nutrient balancing.

**Zoology:**

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

Students will also learn how to identify birds found in Syracuse, Utah. Identification is an important first step to understanding, and thus sets a foundation for the other topics in class.

## **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 (CE) (7642)**

**(10-11) Semester**

**Lab Fee: \$10.00**

This is beginning course designed around the owner-operator of an automobile. This class will discuss the basic automotive systems and how they relate to one another. Topics will include Shop safety, automotive careers, tools and their usage, automotive math and measurements, vehicle systems and parts, service information, vehicle maintenance and service, tires/wheels, and basic electrical systems. Students will be expected to participate in both the classroom and shop discussions and activities. Students desiring to continue 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.

*\*WSU concurrent enrollment fees apply.*

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

**(11-12) Year**

**Lab Fee: \$20.00**

**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.

*\*WSU concurrent enrollment fees apply.*

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

**(12) Year**

**Two period block class**

**Lab Fee: \$40.00**

**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**

**Lab Fee: \$10.00**

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**

**Lab Fee: \$10.00**

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**

**Lab Fee: \$10.00 per semester**

**Prerequisite: Woodworking**

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

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

**(10-12) Semester**

**Course Fee: \$10.00**

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: \$350.00**

**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**

**Lab Fee: \$10.00 per semester**

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**

**Lab Fee: \$10.00**

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**

**Lab Fee: \$10.00**

**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 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**

**Lab Fee: \$10.00 per semester**

**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.

*\*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.

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

This course is taught in conjunction with both Comparative Government & Politics and AP U.S. Government and Politics for a full year course. The AP Comparative Government semester course allows students the opportunity to study and compare economic/political challenges, trends and upheavals, and institutional characteristics across six nation states: China, Great Britain, Iran, Mexico, Nigeria, and Russia. Students will use the comparative method to analyze and assess the diversity of political life, institutional alternatives, differences in processes and policy outcomes, and the impact of global political and economic changes. Students will develop analytical skills necessary to develop a framework to compare modern political systems and understand their interaction in a global environment, preparing students for the rigor to pass the AP Exam. It is a rigorous course with substantial reading and writing. 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.

### **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 Mr. Pendleton 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](http://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)