

# GENERAL INFORMATION FOR REGISTRATION

1. **Proper registration is important. It is the responsibility of the student and parent(s) to check credits for graduation, post high school requirements, and NCAA Eligibility.** Counselors and administrators are available for consultation.
2. Each student should have three goals in mind when registering for classes:
  - (a) Preparing for post high school
  - (b) Developing life skills
  - (c) Filling core requirements
3. Counselors will work with students and parents to develop a Plan for College/Career Readiness (CCR) to assist students in meeting individual needs for graduation, career goals and post high school education.
4. Each student must register for a full nine period schedule for both semesters which includes the Flex class. They should select classes carefully. After registration, changes must be approved through the CCR process. A \$10.00 fee will be assessed. Students should select 1 full year alternate and 2 semester alternates.
5. Some classes listed in this course guide may not be offered if minimum enrollment requirements are not met.
6. Students who desire to take religious instruction (Released Time) may do so on a non-credit basis. This course is off campus. **Students must leave campus to participate in this program.**
7. Concurrent, AP, and Early College enrollments allow students the opportunity to take college-level courses and receive credit which applies to both high school and college. Utah System of Higher Education Rule 165-5.2 states: “USHE institutions and local schools shall jointly establish student eligibility requirements. To predict a successful experience, these requirements may include, among others: 5.2.1. Junior or senior standing, sophomores by exception.” In selected courses, the university that offers the course of CE credit will determine if a 10<sup>th</sup> grade student may register for the CE class. Student will be responsible for purchase of required books/outlines and recommended supplies for class. Students must be admitted and pay the admission fee to the university prior to registering for a concurrent class. The student must pay \$5.00 per credit hour registration fee to the university for each concurrent class for which they are registered. **College credit for concurrent enrollment is NOT guaranteed from year to year because the awarding universities determine which courses and instructors qualify.** Refer to course descriptions for possible concurrent credit offerings.
8. Foreign language through level II is strongly recommended by the four year universities. Some require it. Students should check with the college of their choice to determine foreign language requirements.
9. Students desiring early graduation should declare their intent to their counselor as soon as possible to provide adequate planning time through the CCR process.
10. Seniors who have successfully completed 2.0 credits in their identified Pathway may be eligible for an Internship or Work-Based Learning Program. Student should meet with their counselor for additional information. Completion of the Critical Workplace Skills curriculum packet is required.

## **CIVIL RIGHTS**

Titles VI & VII of the Civil Rights Act prohibit discrimination in federally funded programs on the basis of age, race, color, religion, national origin, sex and disability. All vocational opportunities are offered without regard to age, race, color, religion, national origin, sex, sexual orientation, or disability. The individual with Disabilities Education Act requires the District to find and serve qualified students with disabilities residing in the District. More information on each law is also posted at the District Office.

CTE Coordinator		Gina Buttars, Student Services Director
Weber High School		Weber School District
430 W. Weber High Drive	or	5320 Adams Avenue Parkway
Ogden, UT 84414		Ogden, UT 84405
801-476-3700		801-476-7811

## **TITLE IX**

Weber School District complies with Title IX regulations: “No person in the United States shall on the basis of sex, be excluded from participation in, be denied the benefits of, or be subject to discrimination under any educational program or activity receiving federal financial assistance. Problems should be referred to the school administration.”

Any grievance regarding the above statements should be directed to:

CTE Coordinator		Gina Buttars, Student Services Director
Weber High School		Weber School District
430 W. Weber High Drive	or	5320 Adams Avenue Parkway
Ogden, UT 84414		Ogden, UT 84405
801-476-3700		801-476-7811

## **OCR STATEMENT**

The Civil Rights Act prohibits discrimination in federally funded programs on the basis of age, race, color, religion, national origin, sex, sexual orientation, or disability. Weber School District does not discriminate on the basis of age, race, color, religion, national origin, sex, sexual orientation, or disability. More information on each law is available by contacting the person (s) below:

Dave Green, CTE Coordinator		Gina Buttars, Student Services Director
Weber High School		Weber School District
430 W. Weber High Drive	or	5320 Adams Avenue Parkway
Ogden, UT 84414		Ogden, UT 84405
801-476-3716		801-476-7811

## 2017-2018 REGISTRATION INFORMATION

### GRADUATION REQUIREMENTS

All students graduating from Weber High School must:

1. **Earn 27 total credits.** Career assessment and guidance is offered to students to assist them in designing a course of study that will meet their individual needs. Students have the opportunity to complete a variety of preparation courses. All students are encouraged to enroll in courses which provide for the development of specific job skills, prepare them for post high school education and provide enrichment to life. Requirements are outlined in the chart below.
2. Maintain cumulative attendance credit loss of .75 or less. Attendance credit losses beyond .75 must be made up according to Weber School District policy.

#### REQUIREMENTS/RECOMMENDATIONS FOR GRADUATION

Unless the student's Plan for College/Career Readiness (CCR) calls for different arrangements,  
Each student must successfully complete the following requirements in grades 9-12.

State Core Requirements	Minimum Requirements	Recommended requirements for post high school programs
CAREER TECHNOLOGY ED.	1 CREDIT	1 CREDIT
COMPUTER TECHNOLOGY	.50 CREDIT	.50 CREDIT
ENGLISH 9 THROUGH 12	4 CREDITS	4 CREDITS
FINANCIAL LITERACY	.50 CREDITS	
FINE ARTS (PERFORMING/VISUAL)	1.50 CREDITS	1.50 CREDITS
FOREIGN LANGUAGE		2 CREDITS
HEALTH	.50 CREDIT	.50 CREDIT
HEALTHY LIFESTYLES (PE) 1.0 FITNESS FOR LIFE .50	1.50 CREDITS	1.50 CREDITS
MATH	3 CREDITS	3 CREDITS
SCIENCE	3 CREDITS	3 CREDITS
SOCIAL STUDIES	3 CREDITS	3 CREDITS

# IMPORTANT INFORMATION ABOUT CONCURRENT ENROLLMENT

**Required GPA of 3.0 for Class Difficulty -Student must take the ACT (College Entrance Exam) before enrollment in concurrent class. A \$5 fee will be charged for each credit hour earned.**

- If you are a Junior or Senior, possess a desire to seek **challenging, rigorous educational opportunities** for both high school and college credit, you may be interested in registering for concurrent enrollment credit.
- **Students must be admitted and pay the admission fee to the University prior to registering for a concurrent class. The student must pay \$5 per credit hour registration fee to the university for each concurrent class which they are registered.**
- A **few courses**, such as English 1010 and Communications 2110 are available to **seniors only**. English 1010, you must have an English and Reading ACT score of 17 or higher or an Accuplacer of 90 to enroll in this course. Comm. 2110 **may not** be considered English 12 credit, for example BYU. Math 1050/1060 must have an ACT Math score of 23 or an Accuplacer math score of 60. It is expected that students will have the necessary background and meet the academic requirements to demonstrate success in concurrent enrollment courses. It is required that concurrent enrollment students have at least a **3.0 cumulative GPA. Students who do not meet these enrollment requirements by March 1<sup>st</sup> will be given alternate classes that will satisfy graduation requirements.**
- Some institutions may require **minimum ACT scores or Accuplacer scores** in addition to the minimum 3.0 GPA before enrollment at the university or for specific courses.
- All concurrent enrollment course registrations will take place by the **3<sup>rd</sup> week** of the semester.
- Universities require **90% attendance** or better in all concurrent enrollment courses.
- Students will be responsible to **purchase** required books, outline, and/or supplies as required by the university.
- Once you register for concurrent enrollment credit, **you may not drop the course.**
- The **grade** you earn in any concurrent enrollment course will become part of your **permanent high school transcript and this grade will affect your cumulative GPA as well as your college transcript.**
- **College credit** for concurrent enrollment is not guaranteed from year to year. It is determined by the university as to which courses and instructors qualify to offer the credit.
- 504 accommodations must be approved by the university in order to be provided. It is the student's responsibility to pursue this option.
- Utah System of Higher Education Rule 165-5.2 states: "USHE institutions and local schools shall jointly establish student eligibility requirements. To predict a successful experience, these requirements may include, among others: 5.2.1. junior or senior standing, sophomores by exception." In selected courses, the university that offers the course for CE credit will determine if a 10<sup>th</sup> grade student may register for the CE class.

**Please check with your counselor if you have any questions regarding concurrent enrollment courses and the status of the class.** It is important to remember that concurrent enrollment should be in line with your SEOP, college, and career goals.

NCAA APPROVED COURSES

ENGLISH

English 10, Hon  
 English 11 Hon, CP, AP  
 English 12, CP  
 English 12 Poetry/Cr Writ  
 English 12 AP Lit  
 English 9  
 Journalism  
 Communications 2110  
 English 1010 WSU

SOCIAL SCIENCE

US Hist, CP, Hon  
 Wld Civ, CP, Hon  
 Amer. Hist AP      AP European  
 Geography      AP World Hist  
 Gov't & Citizenship AP  
 Law Enforcement  
 Psychology  
 Psychology AP  
 US Gov & Cit  
 US Govt/Law  
 AP Comp Govt

MATHEMATICS

Alg Int/CP  
 Alg/Geom. Adv.  
 Algebra Int. Trig Hon  
 Calculus AP/AB/BC  
 Precalculus  
 Elem Algebra  
 Geometry  
 Statistics/ Stats AP  
 Int. Algebra  
 Algebra WSU 1050/1060  
 Secondary Math I, II, III, Honors  
 Math 1010/1030

NATURAL/PHY SCIENCE

Biotech DNA      Physics B/C/AP  
 Biology CP/AP      Physics/Princ Tech  
 Biology Agricultural      Physics with Technology  
 Chemistry CP, AP      AP Enviromental Sci.  
 Earth Systems      Medical Forensics  
 Physics      Medical Anatomy Physiology  
 Astronomy      Natural Resource Science

ADDITIONAL COURSES

French 1, 2, 3, 4, AP  
 German 1, 2, 3, 4, 5, AP  
 Spanish 1, 2, 3, 4, 5, AP  
 Sign Lang 1, 2, 3  
 Chinese 1 & 2

Division I Requirement

English      4 yrs  
 Math      3 yrs  
 Science      2 yrs

Additional courses in  
 English, math, science

1 yr

Social Stud      2 yrs

Additional courses in  
 English, foreign lang,  
 math, science, soc. stud.

4 yrs

**Total      16**

Division II Req.

English      3 yrs  
 Math      2 yrs  
 Science      2 yrs

Additional courses  
 English, math, science

3 yrs

Social Sci.,      2 yrs

Additional courses  
 in above areas or  
 foreign lang.      4 yrs

**TOTAL      16**

**IT IS THE RESPONSIBILITY OF THE STUDENT AND PARENT to make sure the student meets all NCAA eligibility requirements.** Eligibility standards in detail can be found at [www.eligibilitycenter.org](http://www.eligibilitycenter.org)

## **Flex Time**

FLEX period is a multi-purpose class period. It is held every day, except Mondays, for 40 minutes. Students can choose to take a study hall or a regular class. If a student has failed a class or is off-track for graduation, that student will be assigned a particular FLEX class for remediation or additional help in that subject area. Additionally, students may use the FLEX period – **with prior teacher approval** – for make-up or test re-takes or additional help/tutoring from one of their teachers. All student assemblies and announcements will take place during the FLEX class period.

### **Flex Courses for Original Credit**

Photo 1 and 2  
Debate  
Handbells  
Fly Fishing  
Peer Tutor  
US Govt/Citizenship  
Survey of Cinema  
Fitness for Life, Health

### **Study Hall**

General Study Hall  
Business Study Hall  
ASE Lab  
CTE  
Agricultural/FFA  
Medical Science/HOSA  
Lang Arts  
Math 2, Math 3, Honors, AP  
FBLA/DECA  
Biology, Physics, Chemistry  
AP Contract  
Social Studies,  
AP Art History Flex  
AP Art Flex

### **Remediation Opportunities**

English 10, 11, 12  
Math 2, 3  
Biology, Physics  
World Civ., US History,  
Apex Credit Recovery  
Resource English and Math

### **NEW PROGRAM TO BEGIN FALL OF 2018, INTERNATIONAL BACCALAUREATE**

Sophomores who are considering the IB program should take the following courses as preparation to meet all state and district graduation requirements:

English 10 Honors  
Spanish (2, 3, or 4)  
US Government/Financial Literature  
Fitness for Life/Health  
Secondary Math 2 Advanced or Math 2 Honors  
Biology or Chemistry  
CTE Elective

# WEBER HIGH SCHOOL

## Approved High School Course Offerings for 2017-2018

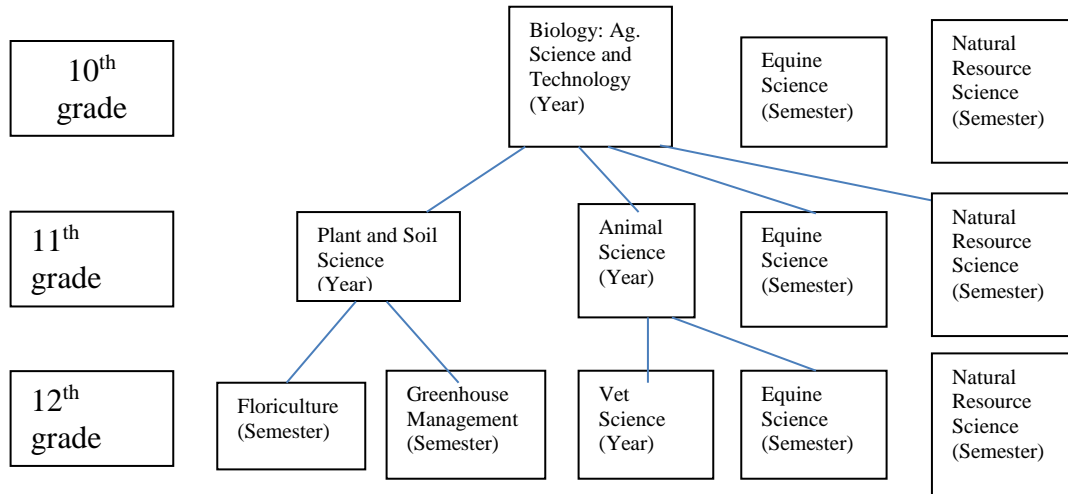
Course #	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
<b>Agriculture Sciences</b> <i>1 Credit CTE required for graduation</i>							
72317	Biology: Agricultural Science and Technology	10,11,12	year	Science CTE	\$10	Core Science credit	Learn Biology by studying agricultural plants and animals. Course will include lab, classroom time, and practical application in the agriculture science lab facilities. This Biology class is for those students who plan a career in an agriculture related field.
84216	Plant & Soil Science	10,11,12	year	CTE Science	\$10	3 <sup>rd</sup> year science credit <b>Must complete Biology or Bio Ag before enrolling</b>	This is one of the fastest growing industries in the country. Student will prepare to own or manage a greenhouse, be exposed to business opportunities that can make money through the plant science industry. Fifty percent of the class time will be spent in the greenhouse and surrounding facilities. <b>Must complete Biology before enrolling.</b>
84227	Natural Resource Science	10,11,12	year	CTE Science	\$10	3 <sup>rd</sup> year science credit	Student will develop knowledge and skills related to production management and conservation of natural resources. This year long class fulfills a 3 <sup>rd</sup> year science credit. Major units will include natural resource management, impacts of society on natural resources, and waste management. Field and laboratory experiences will be emphasized. The agriculture student organization, FFA, is also a large component of this class.

Course #	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
84240	Agricultural Systems and Technology I	10,11,12	year	CTE	\$20	If you want Welding 1 and Small Engines, sign up for this class!!	If you're interested in a career in welding, fabrication, mechanics, or construction this beginning level class will provide you with the background you need to be successful! You will develop knowledge and skills in the application of principles and techniques of power, structural, and technical systems used in the agricultural industry. Instruction includes classroom, laboratory (shop), and supervised agricultural experience. You will develop basic skills in areas of plumbing, electrical wiring, small gas engines, and welding. Safety and proper use of tools and equipment will be emphasized.



Course #	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
84326	Floriculture	12	sem	CTE		<b>Must complete Plant Science before enrolling</b>	This is a “hands on” class. Use your hands and design and implement floriculture projects. Fifty percent of class time will be in a lab setting. A fun class that takes you outside that opens many employment opportunities.
84235	Veterinary Science: Vet Assistant 1	11,12	year	CTE	\$10	<b>Must complete Animal Science before enrolling</b>	This course provides the opportunity for students to explore different avenues of the veterinary profession. Students will be exposed to veterinary science and principles which include anatomy, physiology, chemistry, animal health and disease, dentistry and laboratory procedures. Students will provide hand-on care as they develop skills in the area of surgical assisting, bandaging, wound care, oral care, and general nursing care.

**Agricultural Science flow chart:**



Course #	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
84328	Greenhouse Management	10,11,12	sem	CTE		<b>Must complete Plant Soil Science to enroll</b>	This is an intensive course in greenhouse operation and management that prepares students to produce commercial plant species in a controlled environment and to manage commercial and experimental greenhouse operations. A fun class that takes you outside that opens many employment opportunities.
84217	Animal Science	10,11,12	year	CTE Science	\$10	3 <sup>rd</sup> year science credit  <b>Must complete Bio/Bio Ag before enrolling</b>	Student will be exposed to animal science and technology principles which include genetics, anatomy, physiology/nutrition, diseases, pests, and management practices. The scientific processes of observation, measurement, hypothesizing, data gathering, interpretation, analysis, and application are stressed. Career opportunities and educational preparation are examined. Learning activities are varied, with classroom, lab, and field experiences emphasized.
84237	Equine Science & Technology A (horses)	10,11,12	sem	CTE			If you like horses, you will love this class. Equine science and technology principles will include confirmation/unsoundness, anatomy/ physiology, nutrition, diseases, parasites, and management practices. Also studied will be various disciplines in the equine industry. Lots of fun activities.

### Applied Technology

Course #	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
79214	Internship	12	sem	Elective			Must be on line for graduation to participate. See your counselor for guidelines.
79110	Workplace Skills	12	Weber On-line	CTE			Completion of the Workplace Skills on-line curriculum is a prerequisite for all CTE internships.

Course #	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
47487	Medical Forensics	11,12	year	CTE Science	\$10	Successful completion of Biology required.	Learn to apply science to the law in Medical Forensics. You will study many different topics in the medical forensics field. With hands-on laboratory exercises, become familiar with fingerprints, toxicology, DNA, blood spatter, forensics psychology, mortality, anthropology, hair, fiber, and trace evidence.
28388	Digital Media	10,11,12	year	CTE			Experience the power of digital photo, graphic design, video editing, computer animation, and audio by mastering the Adobe software suite. Create unique movie posters, design a personal logo, edit an epic video, bring a character to life, and so much more! Join this exploding field and through this course you will be prepared for immediate employment, advanced certifications, and further education. <a href="http://mrpotokar.com">mrpotokar.com</a>
32258	Video Productions 1	10,11,12	sem	CTE			Bring your GoPro, your phone, your camera and create impressive videos of your adventures by becoming a master of Adobe Premiere, the most powerful editing software. Develop the editing and shooting skills to produce just like the pros. Edit everything from personal projects, commercials, comedies, music videos, and more. With these skills you will be prepared to freelance and gain further education in this expanding, exciting career. <a href="http://mrpotokar.com">mrpotokar.com</a>

Course #	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
32259	Video Productions 2	11,12	sem	CTE		<b>Recommend Completion of Video Production 1</b>	Use advanced film editing techniques to create a complete digital movie. Expand your skills in Adobe After Effects, multi-camera shots and editing, DVD authoring and more. Enjoy expanded time for your personal projects. Create an entry for the film festival. Become a part of this exciting advanced course. <a href="http://mrpotokar.com">mrpotokar.com</a>
77460	Law Enforcement	10,11,12	sem	CTE	\$12	Book	Course covers the theories, principles, and techniques of developing, administering, and managing services for the safety and protection of citizens and property. A detailed look at the court system, corrections, and law enforcement agencies.
32476	Warrior TV 2A (Television Broadcasting)	11,12	sem	CTE		Recommend Completion of Video Prod.	Be involved with the broadcast of WHS news and events. Work on the elite Warrior TV news crew and create a professional show that is streamed weekly throughout the school and on the web. Choose from positions in front of the camera: anchor, reporter, sports, or weather. Select behind the scenes jobs: produce, edit, film, teleprompter, audio, graphics, and more. Gain and sharpen your skills in the video editing and TV broadcast fields. <a href="http://warriortelevision.com">warriortelevision.com</a>
32477	Warrior TV 2B	11,12	sem	CTE			Full year warrior TV, sign up for this class along with TV Broadcasting 1. <a href="http://warriortelevision.com">warriortelevision.com</a>

Course #	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
32310	Design and Visual Communications I <i>(Art &amp; Graphic Design)</i>	10,11,12	sem	CTE Fine Arts	\$15 plus personal project cost	recommend completion Art I	New electronic art media used in modern communications as adv. design, illustration, graphics, and typography. Introduction into Adobe Illustrator and Adobe InDesign. Hands on team projects, personal logos, current technology, career opportunities, and project design assignments, assist the student in growing as an artist or future graphic designer
32248	Basic Digital Photography <i>(Photo 1)</i>	10,11,12	sem	CTE Fine Arts	\$15	<b>5+ megapixel Digital Camera required</b>	Student will learn functions of digital cameras as well as the computer program Adobe Photoshop for picture touch-up and manipulation. Presentations will be in Microsoft Power Point. Scanning, printing, downloading, cropping, resolutions, color balance, image enhancing, retouching, restoring, file management, and file formats will be covered. A <b>5+ megapixel digital camera</b> is required and a 1+gig memory stick is highly recommended for transferring files on and off the computer.
32249	Advanced Commercial Photography <i>(Photo 2)</i>	11,12	sem	CTE Fine Arts	\$15	<b>5+ megapixel Digital Camera required</b>	Advanced course which covers the professional techniques of Photoshop. Emphasis on career related opportunities and development of professional work and knowledge of the digital process. A 5+ megapixel digital camera required. No camera cell phones or PDA's may be used.
43250	Interior Design I	10,11,12	sem	CTE	\$15		Course enables student to explore creativity in the field of interior design. Identification of the elements and principles of design are emphasized.
43260	Interior Design II  Must complete ID I & II to receive college credit <b>WSU IDT 1010 3 cr.</b>	10,11,12	sem	CTE	\$15	WSU credit 11,12 grade only	Course provides opportunity to develop skills in interior design. Projects are used throughout the course to provide experience in all areas of design. Upon completion of Int. Des. I/II, student can earn 3 WSU credits.

**Seniors who have successfully completed 2.0 credits in their identified Pathway may be eligible for an Internship or Work-Based Learning program. Students should meet with their counselor for additional information. Completion of the Critical Workplace Skills curriculum packet is required.**

Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
<b>Business</b> <i>1 Credit CTE - .5 Credit Computer Technology required for graduation</i>							
28230	Accounting I	10,11,12	sem	CTE Math	Work Book Purchase Required \$34	3 <sup>rd</sup> year math credit	Students will learn accounting terminology, accounting equations, posting accounting entries to journals, basic financial statements, and basic bookkeeping skills.
28231	Accounting II	10,11,12	sem	CTE Math	Work Book Purchase Required \$34	3 <sup>rd</sup> year math credit	Continuation of Acct. II. Course will cover payroll records, application to sales, purchases, cash receipts, concepts in depreciation and adjusting financial statements.
28250	Business Law	10,11,12	sem	CTE			Students will gain an understanding of the law as it relates to them currently and the implications of the law in their future lives as well, as the lives of their family and friends. They will also work to gain the understanding of basic legal vocabulary. The course will include an understanding of the court system, contract law, and consumer law along with many other topics.
28260	Marketing 1	10,11,12	sem	CTE			Marketing 1 is the foundation for all marketing courses. Students will learn basic principles that lead to careers in marketing, finance, hospitality, and management. Students will be introduced to the world of marketing including the free enterprise system. The seven core functions of marketing will be examined: Marketing Planning, Marketing Information, Management Pricing, Product/Service Management, Promotion, Channel Management, and Selling. A central focus throughout the course will be the development of soft skills including teamwork, oral communication, written communication, decision making, and emotional intelligence. Student should have the opportunity to participate in DECA, a student organization that prepared emerging leaders and entrepreneurs. DECA related activities and curriculum can be used as an approved part of all marketing classes.

Course #	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
28264	Marketing 2 <i>WSU PS 1303 3 cr.</i>	10,11,12	sem	CTE			This project based course allows students to develop and demonstrate management level marketing skills. Students will learn advanced marketing principles then demonstrate proficiency by completing a marketing project. The majority of class time should be spent by students completing their marketing project. Examples of projects include: creating an advertising or public relations campaign, developing a business plan, conducting market research for a business and making suggestions for improvement, or completing an official DECA written project. Each project will include a written and presentation component.
28262	Sports & Entertainment Marketing	10,11,12	sem	CTE			Teaching marketing concepts via the sports industry. Units include marketing mix, promotion mix, marketing research, as well as event management. Students will manage their own fantasy sports teams.
28371	Lodging and Recreation	10,11,12	sem	CTE			Experience lodging and recreational activities that are available world-wide. Manage Bed & Breakfast, hotels, tours, cruises, catering . . . and the marketing needed to build a successful destination. Construct events, amenities, rooms, catering, and other related lodging & recreational activities for the traveler including Utah Ski Resorts and State and National Park vacations, etc.

Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
28243	Entrepreneurship <i>WSU ENTR 1002 3 cr.</i>	10,11,12	sem	CTE			Planning to start your own business? This course is for you. Formal business and marketing plans will be developed. Student will understand what is required to start their own business.
43231	Fashion Design Merchandising (intro course)	10,11,12	sem	CTE		<b>Course should be taken BEFORE FASHION DESIGN STUDIO.</b>	Learn the concepts of entry-level business and fashion fundamentals. The following fundamentals are taught: basic fashion concepts and marketing terminology, fashion cycles, key components of the fashion industry, retail merchandise categories, fashion promotion and fashion careers. This course will strengthen comprehension of concepts and standards outlined in (STEM) education.
43230	Fashion Design Studio <i>WSU PS 1503 3 credits</i>	10,11,12	sem	CTE		<b>Course should be taken AFTER Fashion Design Merch.</b>	This course explores how fashion influences everyday life. Topics covered include: fashion fundamentals, elements and principles of design, textiles, consumerism, and fashion related careers, with an emphasis on personal application. This course will strengthen comprehension of concepts and standards outlined in (STEM) education.
28350	Retailing <i>WSU PS 2383 3 credits</i>	10,11,12	sem	CTE		WSU Credit 11, 12 grade	Teaching retailing concepts in marketing, distribution, inventory management, pricing and promotion. Students will operate the school store as a lab.
28356	Digital Marketing	10,11,12	sem	CTE			This course is designed to introduce students to the world of multi-channels marketing, and provide them with the advanced technical skills and marketing savvy they need to identify, engage, and develop relationships with customers in a digital environment. This class mixes traditional advertising with new social media marketing for students interested in a growing industry.



Course #	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
28354	Customer Service  <b>WSU PS 1403 3 cr.</b>	10,11,12	sem	CTE		Students' marketable skills will be offered to Ogden Business Dev. WSU credit for 11, 12.	The student will gain an understanding of the skills needed to win customer satisfaction and loyalty. Including but not limited to a heightened awareness of opportunities in customer service, tools for dealing with unhappy customers, and a clear understanding of the future directions of customer service.
28240	Business Management	10,11,12	sem	CTE			This course seeks to develop skills in the following areas: entrepreneurship, finance, accounting, production, decision-making, planning, human relations, communication, leadership, problem solving and international trade.
28378	Digital Business Applications	10,11,12	sem	CTE			Students will learn how to improve internet investigation skills and access business information. Students will explore freeware on the internet (ie. Open office, Google apps, Gimp) and learn how to use cloud computing to improve productivity. Students will explore social networking as a business tool, as well as E-books, "apps" and cell phone technology and its uses in business.
28370	Travel and Hospitality	10,11,12	sem	CTE			This course provides students with an understanding of one of the largest industries in Utah and the world. Specific applications include marketing, promoting, and selling the product of airlines, international travel, ground transportation, cruising, hotel and lodging, restaurants, and tours. Students will learn the importance of hospitality and tourism's impact on the economy.
28221	Computer Technology II (Business Office Specialist)  <b>WSU WEB 1700 3 cr.</b>	10,11,12	sem	CTE		WSU credit grade 11,12	This course applies advanced concepts and principles using word processing, spreadsheets, databases, and electronic presentation software. Students will integrate applications learned. This course builds on skills included in Comp Tech.

Course #	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
28259	Leadership Principles  <i>UVU MGMT 1250</i> <i>3 credits</i>	11,12	sem	CTE		UVU credit	This course is designed for juniors and seniors interested in leadership. It is a concurrent enrollment course through UVU. This course encompasses 15 modules exploring the different aspects of leadership. Topics include goal setting, team building, organizational skills, and time management.

<b>Computer Technology</b> <i>1 Credit ATE - .5 Credit Computer required for graduation</i>							
Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
28220	Computer Technology	10,11,12	sem	Computer Literacy		May not repeat	An introduction to computer application software that encompasses document processing, spreadsheets, presentations, email, and the internet.
27208	Exploring Computer Science	10,11,12	sem	Computer Literacy			This course is designed to introduce student to the breadth of the field of computer science through an exploration of engaging and accessible topics. Rather than focusing the entire course on learning particular software tools or programming languages, the course is designed to focus the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. This is a fun class with hands-on activities and assignments that every student will enjoy.

Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
27210	Computer Programming IA  <b>WSU CS 1030 3 cr.</b>	10,11,12	sem	CTE Math		WSU Credit 11, 12 grade	Computer programming 1A prepares students to enter the world of code through Java, one of the most used and sought-after computer languages of this century. In this dynamic course, students will not only learn the fundamental components of computers, but also the instructions needed to control them. The class motto: “ <i>Program first, understand later!</i> ” illustrates the hands-on, active pace, that leads to an exciting learning environment. Take programming, learn to code, develop software, and change the world!
27211	Computer Programming IB  <b>WSU CS 1400 4 cr.</b>	10,11,12	sem 2 only	CTE Math		WSU Credit 11, 12 grade	This intermediate Java course advances the skill base learned in computer programming 1A by allowing students to enhance their software development projects with data structures, graphics, animations, and sounds. Model real-life concepts with the object-oriented capabilities of the language, and create dynamic features that can be modified and enhanced. Computer Programming 1B is a must for those who aspire technological achievement in the 21 <sup>st</sup> century!  <b>Must complete Comp Prog. IA to enroll.</b>

Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
27214	Web Development IA	10,11,12	sem	CTE			In Web Development 1A, students will dream, design, and create their own website using the big three languages of the internet: html, css, and JavaScript. Learn how data travels across the global network, and contribute to the ever-expanding world-wide-web of information!
27215	Web Development IB <i>WSU – NTM 2532 3 cr. Completion of IA and IB to earn concurrent credit</i>	10,11,12	sem 2 only	CTE		WSU Credit 11,12 grade	This advanced course augments the skill base learned in web development 1A by applying the next stage of internet technologies. Students will incorporate exciting, dynamic content to their web development projects while exploring both client-side and server-side operations in JavaScript, JQuery, PHP, and SQL.  <b>Must complete Web Dev. IA to enroll.</b>

Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
27304	Interactive Computer Arts Applications  <i>WSU CS 1410 4 cr.</i>  <i>(formerly Computer Programming 2)</i>  <i>SEE MAGNET PAGE 64</i>	11,12	year	CTE/ 3 <sup>rd</sup> year Science		WSU Credit 11,12 grade  Course taught at WIC	This is an advanced course in computer programming/software engineering and applications. It reviews and builds on the concepts introduced in earlier CS Classes. 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. The main programming language will be Java. <b>Prerequisites:</b> Either CS Software and App Development or Programming 1A & 1B. *Students will be able to take the AP Computer Science A Test
27301	Computer Science and Software Engineering CSE  <i>WSU CS 1030 4 cr.</i> <i>And CS 1400 4 cr.</i>	11,12	sem 2 periods	CTE	\$10	This class will be taught at WIC  WSU Credit 11,12 grade	Using Python® as a primary tool and incorporating multiple platforms and languages for computation. Students will also develop apps for smart phones and tablets. This course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. This course can be a student's first course in computer science. CSE helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, robotics, and simulation. *Students will be able to take the AP Computer Principles Test

**Engineering/Industrial/Drafting**

Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
84275	CAD/Mechanical I (Drafting Beginning)	10,11,12	sem	CTE	\$10		The first in a sequence of courses that prepares individuals to develop technical knowledge and skills required to plan and prepare scale pictorial interpretations and technical documentation of engineering and design concepts. This includes instruction in the use of 3D Computer-Aided Design (CAD) software, sketching, drawing layout, geometric construction, orthographic projection, dimensioning, 3D printing, and laser engraving of student models. Students receive free CAD(Solid Works) software to load at home. <a href="http://blog.wsd.net/acarlson/">http://blog.wsd.net/acarlson/</a>
84276	CAD/Mechanical II  <b>WSU DET 1010, 3 credits</b>	11,12	sem	CTE	\$10	WSU Credit 11, 12 grade	The second in a sequence of courses that 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. (Grades 10-12, <i>WSU Concurrent Enrollment</i> . 3 Credit Hrs). <a href="http://blog.wsd.net/acarlson/">http://blog.wsd.net/acarlson/</a>

Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
84320	CAD/Architectural I <i>WSU DET 1040 3 cr.</i>	10,11,12	sem	CTE	\$10	<i>WSU Concurrent Enrollment now available to sophomores as well. 3 Credit Hrs</i>	The first in a sequence of courses that prepares individuals with basic knowledge and skills for residential architecture and related construction. This course includes instruction in Room Planning, Free Hand Sketching, creating Residential Floor Plans, Exterior Elevations, and 2 Point Perspective Presentation Drawings by use of 2D and 3D CAD software. Architectural Models are created by use of Laser Engraving Rapid Prototyping. Students receive free CAD(AutoCAD) software to load at home. <a href="http://blog.wsd.net/acarlson/">http://blog.wsd.net/acarlson/</a>
84321	CAD/Architecture II <i>WSU DET 1350 3 cr.</i>	10,11,12	sem	CTE	\$10		The second in a sequence of courses that prepares individuals for careers in the Architecture, Engineering, and Construction (AEC) industry. This course includes instruction in 3D Computer-Aided Design (CAD) software to design and model a small residential home with an emphasis on residential methods and materials of construction, codes, and Building Information Modeling (BIM). (Grades 10-12, <i>WSU Concurrent Enrollment</i> . 3 Credit Hrs). <a href="http://blog.wsd.net/acarlson/">http://blog.wsd.net/acarlson/</a>

Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
84370	Welding Technician Entry A	10,11,12	sem	CTE	\$20 Safety equip		This course will investigate in depth three common welding and cutting processes. Student will learn the art of Shielded Metal Arc Welding, Gas Metal Arc Welding, and Oxy Fuel Torch-Cutting.
84372	Welding Technician Entry B	10,11,12	sem	CTE	\$20 Safety equip	Plus personal project	Student will learn layout techniques and weld symbols and shape cutting. They will use welding skills to build small parts to specification. Student will be introduced to the Plasma cutting process.
84373	Welding Technician Entry Full Year <b>New class 2017-18</b>	10,11,12	year	CTE	\$20 Safety equip	Plus personal project	This course will investigate in depth three common welding and cutting processes. Student will learn the art of Shielded Metal Arc Welding, Gas Metal Arc Welding, and Oxy Fuel Torch-Cutting. They will use welding skills to build small parts to specification.
84375	Welding Tech Intermediate <b>WSU MFET 2153 1 cr.</b>	11,12	year	CTE	\$20 Safety equip	Plus personal project	This course is designed to teach student layout and completion of large welding projects. They will learn advanced welding processes such as GTAW (Tig welding) and Flux Cored Arc Welding. Student will earn employability skills. CAD Drafting recommended as part of the CTE Pathway for this course. <b>Student must pass Welding A &amp; B to enroll.</b>
84377	Welding Technician Advanced <b>WSU MFET 2670 &amp; 2670 L 3 cr.</b>	12	year	CTE	\$20 Safety equip	Plus personal project	Highest level welding course. Class is based on AWS task list. Must complete Welding A, B, Adv. <b>Must complete Weld. Tech Int. to enroll.</b>
84260	Woodworking	10,11,12	sem	CTE	\$20 plus safety equip	plus personal projects	Beginning course studies materials/stock, safe use of power machinery and hand tools, measuring, marking, laying out materials, and sanding to assemble a project. Finishing techniques introduced. Students will also have an opportunity to use the laser engraver to enhance their projects. (Grades 10-12) <b>For more information go to:</b> <a href="http://blog.wsd.net/acarlson/">http://blog.wsd.net/acarlson/</a>



Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
84262	Furniture Design and Manufacturing	11,12	sem 2 hr block	CTE	\$20 plus safety equip	Personal projects cost Spring Semester	Students are challenged to larger and more intermediate level projects such as the famous Weber High Heirloom “gun cabinet” or a “desk” while learning new techniques in woodworking. Successful completion of Woodworking recommended. Students will also have an opportunity to use the laser engraver to enhance their projects. (Grades 10-12) This is taught as a “2 hr block” for 1 Sem. <a href="http://blog.wsd.net/acarlson/">http://blog.wsd.net/acarlson/</a>
84267	Carpentry (Construction Trades)	11,12	sem 2 hr block	CTE	\$20	Fall Semester	This course offers the possibility of earning a NCCER certification. It teaches job site safety, hand tools, power tools, interpreting construction drawings, basic rigging, house framing techniques, roofing, and necessary skills needed for the construction industry. Student will build personal projects such as “out buildings.” Possible WSU credit. For more information go to: <a href="http://blog.wsd.net/acarlson/">http://blog.wsd.net/acarlson/</a>
84250	Small Vehicle Technician	10,11,12	sem	CTE	Safety equip. \$20	Personal project cost	Course prepares students to maintain and repair small internal-combustion engines such as lawnmowers, chainsaws, roto-tillers.
84245	Introduction to Automotive Services	10,11,12	sem	CTE	Safety equip. \$20		Designed to teach the student auto shop safety, vehicle maintenance, safety inspection, cooling system maintenance. <b>Student may enroll in this course and Small Vehicle the same year.</b>

Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
84331	ASE Brakes <i>WSU AUSV 1021</i> <i>2 cr.</i>	11,12	sem	CTE	Safety equip. \$20		Lab and class work on automotive braking systems. Learning diagnosis and repair of hydraulic systems, drum, disk, power assist, wheel bearings, parking brake, anti-lock brake, and traction control systems.
84332	ASE Electrical/Electronics	11,12	sem 2 periods	CTE	\$20		In depth study of automotive electrical systems. Starters, charging, lighting, gauges and warning devices and batteries. Student will receive the industry NATEF ASE certification upon passing the NATEF test.
84333	ASE Engine Performance <i>WSU AUSV 1120 3 cr.</i>	11,12	sem 2 periods	CTE	\$20		In depth study of automotive engine performance. Tune-up, ignition, fuel, exhausts, emissions and computer control systems. Student will receive the industry NATEF ASE certification upon passing the NATEF test.
84334	ASE Steering and Suspension <i>WSU AUSV 1022</i> <i>3 cr.</i>	11,12	sem	CTE	\$20	Need to complete Brakes & Steering courses for 5 college credits.	Lab and class work on automotive suspension and steering. Learning diagnosis and repair of springs, shocks, struts, rack and pinion, pumps, electric power assisting, alignment, tire balance, and wheels.
<b>Engineering Ed &amp; Technology</b>							
	Project Lead the Way PLTW	10,11,12	sem 2 periods	CTE		2 Rivers	Students interested in Science technology, engineering, and math please see detailed course offerings on magnet page at the back of guide.

<b>English</b>							
<i>4 Credits required for graduation</i>				<i>*Satisfies 4<sup>th</sup> year English requirement</i>			
52210	English 10	10	year	Eng 10			Designed to improve basic English skills (reading, writing, speaking, and listening).
52610	English 10 Honors	10	year	Eng 10			Challenging and fast-paced, focus is on analytical - reading and writing in preparation for future A.P., ACT, and PSAT testing in future years.
52520	English 11 CP	11	year	Eng 11			Basic language arts skills for careers and college. ACT prep included.
52620	English 11 Honors	11	year	Eng 11			Challenging and fast-paced, focus is on analytical reading and writing in preparation for A.P. testing next year. ACT prep included.
52625	English 11 Language AP  <i>Eng 1010 – 3 credits</i> <i>Eng Elective 3 credits</i>	11	year	Eng 11	Book \$15	This course counts for Eng 11 credit only.	College-level work in preparation for AP Language and Composition test. Emphasis on critical analysis of prose and rhetoric –how style supports purpose. Much practice in crafting arguments and analyzing rhetorical strategies in arguments. Course includes literary reading, direct vocabulary instruction, and analysis of print and non-print media. May earn college credit upon passing AP test.

Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
52530	English 12 CP	12	year	*Eng 12			Basic language arts skills for careers and college.
52630	English 12 AP Literature- Composition <i>Eng 1010 – 3 credits</i> <i>HU/DV 2200 –3 credits</i>	12	year	*Eng 12	Book		College-level work in preparation for AP test. Emphasis on critical analysis of literature. <b>May earn college credit upon passing AP test.</b>
52420	English 1010/WSU <i>WSU Eng 1010 – 3 credits</i>	12	sem	*Eng 12	WSU Book		This course is now Technology Intensive Concurrent Enrollment (T.I.C.E.) and requires regular computer and Internet access for work submission and online activities. Course introduces students to the basic principles of college writing and teaches students to find, evaluate, and understand sources while emphasizing that sources are part of an ongoing conversation.
52270	Speech & Debate I	10,11,12	year	*Eng 12	\$85 pay to play fee	<b>Must meet HSAA eligibility requirements to participate</b>	This introductory course is open to incoming sophomores and juniors interested in developing skills in public speaking and argumentation. As part of the class, students will join a competitive team and travel to tournaments throughout the area. Regular research, writing, and presentation projects will be assigned throughout the course. Students in Speech & Debate are <b>required to attend scheduled competitions, pay participation fees, and maintain acceptable grades and citizenship in other classes.</b>
52370	Speech & Debate II	11,12	year	*Eng 12	\$85 pay to play fee	<b>Eligibility requirements</b>	Students in this course will be joining the varsity speech and debate team. The purpose of call it to help student specialize in one of various events and prepare for competition against other school. The class is open to students who have completed Debate 1, as well as all high school seniors. Student needs to be self-motivated in completing specialized tasks, not always done by the rest of the class. <b>Student is required to attend scheduled competitions, pay participations fees, and maintain acceptable grades and citizenship in other classes.</b>

Course #	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
52240	Journalism	10,11,12	year	*Eng 12			Journalistic writing, proof reading, editing layout, business, design, and photography. Publish the Warrior News. Student will be working with Video Productions/Warrior TV in broadcasting.
52425	English 12 Communications 2110  <b>WSU Comm. 2110 3 cr.</b>	12	sem	*Eng 12	WSU Book	WSU Credit 12 grade	College course on small group communication. 3.0 GPA required and recommended completion of ACT (college entrance exam). College-level writing and testing involved. May not be accepted as 4 <sup>th</sup> year English credit by some colleges, for example (BYU). 3 WSU credits (general education).
52535	English 12 Poetry/Creative Writing	11,12	sem	*Eng 12			High-school-level study and practice of techniques of short fiction and poetry. Students read and write intensively in short fiction and poetry. Collaboration and peer critique are part of this course.

**Family & Consumer Sciences ( CTE credit)**

Course #	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
43330	Human Development  <b>WSU CHF 1500 3 cr.</b>  <b>New course 2017-18</b>	11,12	sem	CTE	Purchase of college book Digital copy is \$85, printed copy is \$165	WSU Concurrent Credit 11,12  This course will fulfill Social Science core college credit	Basic concepts of human development across the lifespan taught at an accelerated pace and level. Encompasses the study of biological, cognitive, social, and emotional developmental changes of the healthy individual in the context of the family and society. Emphasizes and demonstrates the vital connections between theory, research, and application. The standards and objective are determined by the college institution from which college credit will be granted. Meets general education requirement for college graduation.

Course #	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
43336	Adult Roles & Responsibilities	11,12	sem	CTE			This course prepares students for adult life. The curriculum covers dating, mate selection, money management, preparation for marriage and parenting.
43337	Adult Roles & Financial Literacy	11,12	year	CTE/ GFL			This course prepares student for adult life covering dating, mate selection, marriage adjustment, and parenting. Emphasis on savings, investments, and money management.
43338	Adult Roles & Financial Literacy (Concurrent enrollment possible)  <i>WSU CHF 2400 3 cr.</i>	11,12	year	CTE/ GFL		WSU Concurrent Credit 11,12 <b>Limited enrollment</b>	This course prepares student for adult life covering dating, mate selection, marriage adjustment, and parenting. Emphasis on savings, investments, and money management. <b>Fast paced course with additional assignments for college credit.</b>
43240	Child Development	10,11,12	sem	CTE	\$5		This course provides student with an understanding of a child's growth and development. Parenting skills and learning activities are also included.
43241	Early Childhood Education Curriculum	10,11,12	sem	CTE	\$5	Required completion of Child Dev	Emphasis on pre-school age children, careers in child care and developing an activity file.
43243	Early Childhood Education Lab (Wee Weber)	11,12	sem	CTE	\$5	Required completion of ECEC	This course is the 2nd sem. of Child Care 1. Hands on lab experience. <b>Students must complete ECEC 43241 before enrolling.</b>
79220	Work based learning Internship Early Childhood Educational Intern (Wee Weber or Elementary School)	12	sem	CTE	\$35	<b>Must have transportation Must complete Workplace skills packet</b>	Off site child care experience at an elementary school or day care facility. <b>Critical workplace skills packet must be completed before semester begins. Additional .25 credit will be awarded when CWS packet is completed.</b>

Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
43231	Fashion Design Merchandising (intro)	10,11,12	sem	CTE		<b>Course should be taken BEFORE FASHION DESIGN STUDIO.</b>	Learn the concepts of entry-level business and fashion fundamentals. The following fundamentals are taught: basic fashion concepts and marketing terminology, fashion cycles, key components of the fashion industry, retail merchandise categories, fashion promotion and fashion careers. This course will strengthen comprehension of concepts and standards outlined in (STEM) education.
43230	Fashion Design Studio	10,11,12	sem	CTE		<b>Course should be taken AFTER Fashion Design Merch.</b>	This course explores how fashion influences everyday life. Topics covered include: fashion fundamentals, elements and principles of design, textiles, consumerism, and fashion related careers, with an emphasis on personal application. This course will strengthen comprehension of concepts and standards outlined in (STEM) education.
43210	Food & Nutrition Sciences I	10,11,12	sem	CTE	\$20	May not repeat	Basic cooking of foods through the food pyramid. Emphasis on nutrition and cooking skills.
43220	Food & Nutrition II	10,11,12	Sem	CTE	\$20	May not repeat	This course is designed to focus on principles of food preparation, sports nutrition, consumerism, and career options in the food industry. The study and application of nutrition, sanitation, food sciences and technology in this course provides students with laboratory-based experiences that will strengthen their comprehension of concepts and standards outlined in Science, Technology, Engineering and Math (STEM) education. FCCLA may be an integral part of this course.

Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
43317	Culinary Arts/Pro Start II	11,12	year	CTE	\$40	Student will need food handlers permit	ProStart is a program of the National Restaurant Association that introduces students to career opportunities in the restaurant and foodservice industry and provides them with foundational skills in culinary arts and restaurant management that will jump-start their post-secondary experience, in college and/or careers. ProStart 2 focuses on breakfast foods, nutrition, budgeting, desserts, global cuisine and much more.
43311	Foundation of Nutrition <i>WSU NUTR 1020 3 cr.</i>	11,12	sem	CTE	WSU Book Fee	WSU credit 11,12	Design a food plan ideal for you including nutrients for optimal energy mental alertness, ideal weight, muscle building and health.
43250	Interior Design I	10,11,12	sem	CTE	\$10		Course enables student to explore creativity in the field of interior design. Identification of the elements and principles of design are emphasized.
43260	Interior Design II Must complete ID I & II to receive college credit <i>WSU IDT 1010 3 cr.</i>	10,11,12	sem	CTE	\$10	WSU credit 11,12 grade only	Course provides opportunity to develop skills in interior design. Projects are used throughout the course to provide experience in all areas of design. Upon completion of Int. Des. I/II, student can earn 3 WSU credits.



<b>Financial Literacy</b> <i>.50 credit for graduation</i>							
Course #	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
28379	General Financial Literacy	11,12	sem	GFL		<b>11, 12 grade enrollment only</b>	This course will enable student to learn decision-making skills they must apply and use to become wise and knowledgeable consumers, savers, investors, users of credit, money managers, citizens, and members of a global workforce and society.
43337	Adult Role & Financial Responsibilities	11,12	year	CTE/ GFL			This course prepares student for adult life covering dating, mate selection, marriage adjustment, and money management. Emphasis on budget spending, savings and investments.
43338	Adult Roles & Financial Literacy (Concurrent Enrollment)  <i>WSU CHF 2400 3 cr.</i>	11,12	year	CTE & GFL		<b>11, 12 grade enrollment only</b> WSU credit <b>Limited enrollment</b>	This course prepares student for adult life covering dating, mate selection, marriage adjustment, and parenting. Emphasis on savings, investments, and money management. <b>Fast paced course with additional assignments for college credit.</b>
<b>Foreign Language</b> <i>*Will satisfy 4<sup>th</sup> year English elective requirement.</i>							
35230	German I	10,11,12	year	Elective			Fundamental communicative skills will be developed.
35231	German II	10,11,12	year	Elective			Speaking, listening, reading and writing skills are progressively developed.
35232	German III	10,11,12	year	Elective			Emphasis is placed on communication through free conversation.
35233	German IV	10,11,12	year	*English			Continue developing an active flexible command of German.

Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
35234	German V	11,12	year	*English			Continuation of German skills.
35235	German AP	12	year	*English			Emphasis on communication skills, reading, writing, listening, and speaking.
35210	Spanish I	10,11,12	year	Elective			Fundamental communicative skills will be developed.
35211	Spanish II	10,11,12	year	Elective			Speaking, listening, reading, & writing skills are progressively developed.
35212	Spanish III	10,11,12	year	Elective			Emphasis is placed on communication through free conversation. Culture, history, literature and periodical reading will enrich the class.
35213	Spanish IV	10,11,12	year	*English	book		Advanced grammar and communication skills are taught.
35214	Spanish V <i>WSU Span 2010 3 cr.</i>	11,12		*English		Pre AP course	Continuation of Spanish skills.
35215	Spanish AP	12	year	*English	book	Book purchase required	Advanced communication skills are emphasized in reading, writing, listening, and speaking. Students can earn college credit if they pass the AP Span Lang exam.
35217	Native Spanish Speaker	10,11,12	year	Elective			This course is designed for students who are native Spanish speakers. Curriculum will focus on refining Spanish writing and reading skills.
35300	American Sign Language I	10,11,12	year	Elective			Course will develop conversational skills, awareness of deaf culture, basic understanding of ASL grammar.
35301	American Sign Language II	11,12	year	Elective			Conversation skills will increase in speed, fluency and complexity.
35302	American Sign Language III	12	year	Elective			Student will develop storytelling, basic in-class interpreting skills, and ability to share facts.
35260	Basic Chinese	10,11,12	year	Elective			Basic Chinese language course.
35261	Chinese II	11,12	year	Elective			Continuation of Chinese I.

<b>Health</b>							
<i>.5 Health credit required for graduation</i>							
Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
47110	Intro to Health Science Technology	10,11,12	year	Health.5 CTE .5	\$10		This class will explore health and medical careers in addition to the study of health and Human Bio. <b>Class enrollment recommended for 10<sup>th</sup> graders. Must complete full year class to receive health credit.</b>
73320	Health Education II	10,11,12	sem	Health			Student will study the physical, emotional, mental, community and social inter-relationships. <b>Class enrollment recommended for 10<sup>th</sup> graders.</b>
<b>Health Science Technology</b>							
<i>1.00 CTE credit for graduation</i>							
47110	Intro to Health Science Technology	10,11,12	year	Health.5 CTE .5	\$10		This class will explore health and medical careers in addition to the study of health and Human Bio. <b>Class enrollment recommended for 10<sup>th</sup> graders. Must complete full year class to receive health credit.</b>
47380	Medical Anatomy & Physiology (MAP)	11,12	year	CTE or Science	\$10	<b>Intro Health Science or Biology completion recommended</b>	Course looks at anatomy and physiology with a medical emphasis. <b>Successful completion of Intro to Health Science or Biology recommended before enrollment.</b>
47270	Emergency Medical Response (EMR)  <i>WSU AT 2300 3 cr.</i>	11,12	sem	CTE	\$10 Plus WSU Book, mask	WSU credit 11,12	This course follows American Red Cross standards for professional rescuers. Students can earn CPR for professional and emergency medical response certificates. Hands on skills class.
47350	Exercise Science/Sports Medicine <i>WSU AT 2175 3 cr.</i>	11,12	year	CTE	\$10	<b>Recommended completion of Intro to Health Science or MAP</b>	Course studies sports medicine issues. Injury prevention, injury management, and performance enhancement are covered
47360	Medical Terminology  <i>WSU HTHS 1101 2 cr.</i>	11,12	sem	CTE	WSU book	WSU credit 11,12	Study of language of medicine (word roots, prefixes, suffixes) May earn 2 semester hours WSU credit. <b>Intro Health Science or Biology completion recommended</b>
47315	Certified Nurse Assistant	11,12	2 periods 1 sem	CTE	\$100 plus \$75 test fees	Recommended completion of Medical Terminology & MAP	Course that provides training for the state certification of CNA's. Clinicals in local health care facilities. <b>Course completion required to apply for Nursing school. Hands on learning and daily labs.</b>

Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
47487	Medical Forensics	11,12	year	CTE or 3 <sup>rd</sup> yr Science	\$10	Recommended completion of Biology	Learn to apply science to the law in Medical Forensics. You will study many different topics in the medical forensics field. With hands-on laboratory exercises, become familiar with fingerprints, toxicology, DNA, blood spatter, forensics psychology, mortality, anthropology, hair, fiber, and trace evidence.
47480	Integrated Human Anatomy and Physiology  (Advanced Health Science)  <i>WSU HLTHS 1110, 4cr.</i> <i>WSU HLTHS 1111, 4 cr.</i>  <i>New class taught at Weber High Fall 2017</i>	12	Year 2 periods	CTE/ 3 <sup>rd</sup> year Science Credit	\$250 book plus lab fee of \$10	WSU credit  <b>Completion of MAP strongly recommended</b>  <b>The \$250 includes the textbook, study guide, and lab manual</b>	This full-year course earns college credit from Weber State University. 8 Concurrent Credits available through WSU (4 credits for Health Science 1110 1 <sup>st</sup> Semester & 4 credits for Health Science 1111 for 2 <sup>nd</sup> semester) Fulfills WSU Life Sciences Requirement Prerequisite Anatomy and Physiology for all Allied Health Professions. <b>Class is taught one period every day.</b> This course teaches the fundamentals of Anatomy and Physiology that are required for further studies in nursing , allied health, and related disciplines. It is delivered as an integrated approach to the basic concepts of physics, chemistry, human anatomy, human physiology and medical microbiology as related to humans. It fulfills the Weber State University Biomedical Core requirements for all Allied Health Profession. Earns 2.0 CTE credit

Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
47310	Emergency Medical Technician (EMT)  <b>New Class Fall 2017</b>  WSU Par 100/1001	12	Sem 2 periods	CTE		This course will be taught at the WIC Center	An instructional program that prepares individuals to perform initial medical diagnosis, treatment, and comprehensive care in medical crises, under the general supervision of a coordinating physician. Includes instruction in all aspects of basic healthcare; disease, disorder, and injury symptomology and diagnosis; emergency medical treatment procedures for various injuries and disease outbreaks; basic pharmacology; anesthetics; intravenous and other drug administration procedures; obstetrics procedures; basic surgical techniques; emergency medical equipment operation and maintenance; special care of patients exposed to heat, cold, radiation, or contagious disease; and administrative aspects of emergency medicine. Programs may include emergency vehicle operation and patient transportation procedures, depending on level of training.

**Mathematics - Credits required for graduation 3.0.****Consider retaking a course in which an average of less than a “C” grade was earned.**

Course#	Course Name	Grade	Length	Credit	Comments	Course Description
62130	Secondary Math II	10	year	Math	<b>Enroll only if you have completed Math I</b>	Course will focus on quadratic expressions, equations, functions, rational numbers and complex numbers, link probability, triangle trig, and circles with quadratic algebraic representations.
62135	Secondary Math II Honors	10	Year	Math	<b>Enroll only if you have completed Math I Honors</b>	Student can expect content similar to that of the non-honors course, but with increased depth and rigor. Student will be exposed to a variety of Pre-Calculus level content including: the complex number system, trigonometric identities and expressions, and radical expressions.
621354	Secondary Math II Accelerated with Sec. Math III Accelerated	10	Year	Math	<b>Enroll only if you are participating in the new International Baccalaureate Program.</b>	This accelerated course allows you to complete Math 2H and Math 3H in one year. This course requires one full class period PLUS your flex period (non-negotiable). This is a very rigorous class. Enroll in this class if you have completed Math 1 Honors and are considering a career in the field of mathematics. Teacher recommendation suggested. Students will expand on their geometry concepts from Math 1 while focusing algebraically and graphically on quadratic, polynomial, rational, and radical functions. Students will study exponential and logarithmic functions and explore trigonometric functions.
62140	Secondary Math III	11	Year	Math	<b>Enroll only if you have completed Math I and Math II</b>	Student will apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their knowledge of functions to include polynomial, rational, and radical functions. They expand the study of right triangle trigonometry to include general triangles. Finally, student will merge their experiences with functions and geometry to create models and solve contextual problems.

Course#	Course Name	Grade	Length	Credit	Comments	Course Description
62145	Secondary Math III Honors	11	year	Math	<b>Enroll only if you have completed Math I Honors and Math II Honors</b>	Student can expect content similar to that of the non-honors course, but with increased depth and rigor. Student will be exposed to additional concepts from Pre-Calculus that will facilitate success in further math courses.
62567	WSU Math 1010 (R.E.A.L. Math 1010)  <i>WSU 4 elective credits</i>	12	sem	Math	<b>Enroll only if you have completed Math I, II, III with a C average</b>  <b>Materials: Pearson Mathematics in Action Work Text and Scientific Calculator are required.</b>	This course is worth 4 ELECTIVE credits. R.E.A.L. stands for Real-world Explorations & Active Learning. This course is designed to improve skills involving real and complex numbers, inequalities, system of equations, rational and radical expressions and equations, and functions. 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 21 <sup>st</sup> century.
62568	QR 1030 WSU  <i>WSU 3 credits Quantitative Literacy</i>	12	sem	Math	<b>Enroll only if you have completed Math I, II, III with a C average</b>  <b>Materials: Mathematics All Around textbook and scientific calculator required.</b>	This course is worth 3 Quantitative Literacy credits. This course is designed to convey to the Student the beauty and utility of mathematics, and to illustrate some of its application to modern society. The content of this course conveys, to the extent possible, the quantitative literacy skill set adopted by the Utah State Board of Regents.

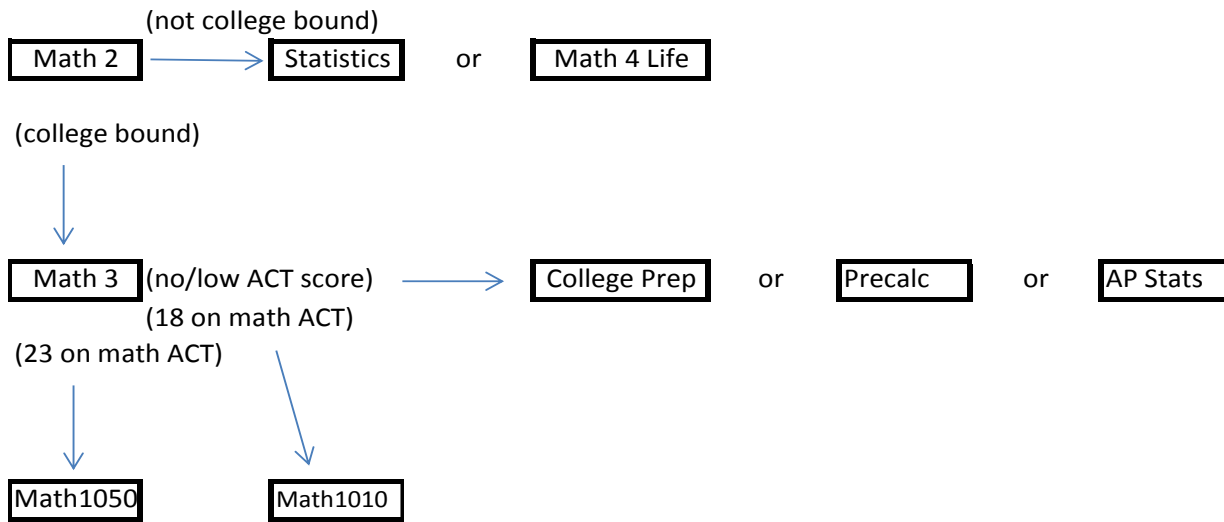
Course#	Course Name	Grade	Length	Credit	Comments	Course Description
62315	College Prep Mathematics	12	year	Math	Enroll after completion of Math 1, Math 2, and Math 3	This course formalizes and reinforces concepts from the Secondary Math series to provide student with the foundational skills and understanding prerequisite to <b>College Algebra 1050</b> . Student will reason abstractly and quantitatively while solving linear and quadratic equations and linear inequalities. They will efficiently use polynomial and rational expressions and functions, radicals and complex numbers, and exponential and logarithmic expressions and functions to model and solve mathematical problems. They will explore conic sections and represent parabolic data. Throughout this course, students will make sense of problems and persevere in solving them, use tools strategically, and attend to precision.
62325	Mathematical Decision Making for Life	11,12	year	Math		This course includes mathematical decision making in finance, life skills, problem solving, probability and statistics. Coursework will include mathematical reasoning, modeling and effective communication skills. <b>Students must complete Math I and Math II before enrolling in this course.</b>
62507	Statistics <b>Graphing calculator req.</b>	10,11,12	year	Math	Recommended completion of Math II	Preparation for AP Statistics and/or college.



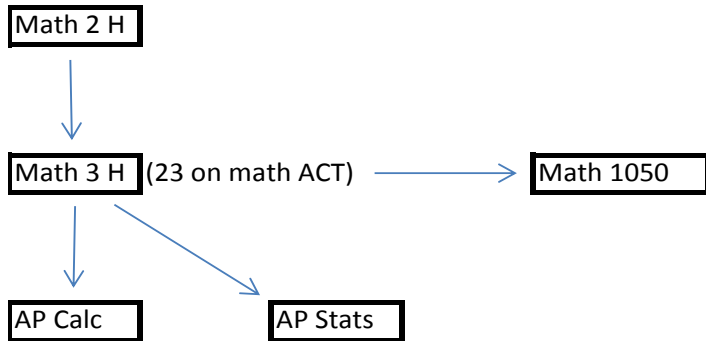
Course#	Course Name	Grade	Length	Credit	Comments	Course Description
62640	AP Statistics  <b>Graphic calculator req.</b>	11,12	year	Math	Recommended if you did well in Math III. This class is a great option for advanced students who want to take it concurrently with Math II Hon or Math III Hon.	Beginning College Statistics. Enroll as a senior or as a soph. or jr., if you have taken concurrent math, Math II Hon, or Math III Hon. College Math credit may be awarded if AP test is passed at end of course.
62620	AP Calculus AB  <b>Graphic calculator req.</b>	11,12	year	Math	Recommended completion of Math III Hon and ACT score of 23.	Introduction to derivatives, integrals, and their applications. Enroll if you earned at least a C average in Math III Honors. College math credit may be awarded if AP test is passed at end of course.
62630	AP Calculus BC	12	year	Math	Enroll after completion of AP Calc AB. Otherwise, recommended for honors students with ACT score of 25, completion Math III Hon, and teacher recommendation.	Student will explore the key concepts, methods, and applications of single-variable calculus including all topics covered in AP Calc AB (functions, graphs, and limits, derivatives, integrals, and the Fundamental theorem of Calculus) as well as additional topics in differential and integral calculus, such as parametric, polar and vector functions, and series. <b>Math lab is required if student has not taken AP Calc AB.</b>

Course#	Course Name	Grade	Length	Credit	Comments	Course Description
62563	Algebra WSU 1050  <i>WSU Math 1050 4 cr.</i>	12	sem	Math	Textbook purchase and 3.0 GPA required, WSU 4 credit hours <b>Teacher recommendation highly suggested</b>	Concurrent enrollment College Algebra. You must be a senior. You must have taken the ACT with a math score of 23 by <b>March ACT test</b> or a 60 on the Accuplacer. It is recommended that you enroll <b>AFTER</b> successful completion of Precalculus. <b>Textbook purchase required.</b>
62566	Algebra 1060 WSU  <i>WSU Math 1060 2 cr.</i>	12	sem	Math	Textbook purchase and 3.0 GPA required	Concurrent enrollment College Trigonometry through WSU. You must be a senior. You must have taken the ACT with a math score of 23 by <b>March ACT test</b> or a 60 on the Accuplacer. It is recommended that you enroll <b>AFTER</b> successful completion of Math 1050. <b>Textbook purchase required.</b>
23915	AP Calculus Math Lab	11,12	year	Elective	Limited enrollment <b>*Required for 1<sup>st</sup> year BC students.</b>	Course is for advanced math students enrolled in AP Calc AB or BC.

### Regular Math Path



### Honors Math Path



Note:

\* If ACT score is less than 23, students are not recommended to take AP Calculus.

These students should consider AP Stats, Math 1010, or College Prep Math.

\* If a student would like to add additional math rigor, they may sign up for AP Stats concurrently with Math 2 Honors or Math 3 Honors, but not in place of.

**The following courses may count as a 3<sup>rd</sup> year math credit towards graduation. However, these courses may not count as college entrance requirements or NCAA (core course) eligibility requirements.**

Course#	Course Name	Grade	Length	Credit	Fee	Course Description
28230	Accounting I	10,11,12	sem	CTE 3 <sup>rd</sup> year Math credit	Work book purchase required \$34	Students will learn accounting terminology, accounting equations, posting accounting entries to journals, basic financial statements, and basic bookkeeping skills.
28231	Accounting II	10,11,12	sem	CTE 3 <sup>rd</sup> year Math credit	Workbook purchase required \$34	Continuation of Acct. II. Course will cover payroll records, application to sales, purchases, cash receipts, concepts in depreciation and adjusting financial
27210	Computer Programming IA	10,11,12	sem	CTE3 <sup>rd</sup> year Math credit	Not a substitute for 10 <sup>th</sup> grade math	Computer programming IA prepares students to enter the world of code through Java, one of the most used and sought-after computer languages of this century. In this dynamic course, students will not only learn the fundamental components of computers, but also the instructions needed to control them. The class motto: “ <i>Program first, understand later!</i> ” illustrates the hands-on, active pace, that leads to an exciting learning environment. Take programming, learn to code, develop software, and change the world!
27211	Computer Programming IB  <i>Must complete CP IA &amp; IB for concurrent cr.</i> <i>WSU CS 1400 4 credits</i>	10,11,12	sem 2 only	CTE 3 <sup>rd</sup> year Math credit		This intermediate Java course advances the skill base learned in computer programming 1A by allowing students to enhance their software development projects with data structures, graphics, animations, and sounds. Model real-life concepts with the object-oriented capabilities of the language, and create dynamic features that can be modified and enhanced. Computer Programming 1B is a must for those who aspire technological achievement in the 21 <sup>st</sup> century!  <b>Must complete Comp Prog. IA to enroll.</b>

Performing Arts 1 ½ credits required for graduation				Students must meet eligibility requirements to perform.			
Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
32250	Theatre 1	10,11,12	sem	Fine Art	\$15	One semester per year	Introductory course in theatre with an emphasis on performance. Course will include pantomime, improvisation, mono acts, characterization, projection, and diction.
32251	Theatre 2	11,12	sem	Fine Art	\$15	Recommended completion of Theatre 1	Emphasis on performance. Course will include dramatic and humorous readings, mono acts, and scenes from plays, pantomime, and an overview of the history of theatre, puppetry, radio, T.V., and film.
	The Production Company	11,12	year	Fine Art	\$15	<b>Audition only</b>	This course will introduce the student to every aspect of producing a theatrical performance. Including auditions, casting, blocking, set building, costuming, publicity, and striking. The class will produce various shows throughout the school year. <b>This course will require out of school rehearsal time.</b>
32260	Chorus (Soprano-Soprano Alto)	10,11,12	year	Fine Art	\$15		Class designed for student with soprano-alto voice range. Vocal techniques and musicianship skill improved.
32262	Chorus (Ten-Tenor Bass)	10,11,12	year	Fine Art	\$15		Class designed for student with tenor, baritone, and bass voice range. Vocal techniques and musicianship skill improved.
	Choralaires	11,12	year	Fine Art	\$15 plus Attire cost	Audition only	Audition required.
	Chamber Quire	11,12	year	Fine Art	\$15 plus Attire cost	Audition only	Audition required.
	Acapella Choir	11,12	year	Fine Art	\$15 plus Attire cost	Audition only	Audition required.

Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
32363	Handbell Choir	10,11,12	year	Fine Art			This non-singing handbell choir is a limited enrollment class for students. Standard handbell ringing techniques, music reading, and other music concepts will be covered. <b>Music reading ability is required.</b> Purchase of practice and performance gloves is required.
32266	Survey/Cinema	11,12	sem	Fine Art		May not repeat this class.	Class explores art of film. Students will study and critique various styles of filmmaking and filmmakers.
	The Actor's Rep (formerly Adv. Acting)  <b>Audition only</b>	11,12	year	Fine Art	\$15	Recommended completion of Theatre 1 and 2.  <b>Audition only</b>	This course teaches various theories of acting from method acting. It is designed to help students free their creativity, and feel comfortable in front of an audience. This course will also dive into activities from play writing to scenic design and everything in between. The class will also produce various shows throughout the school year and will require out of school rehearsal time.
	Technical Theater	10,11,12	year	Fine Art		<b>Teacher signature required. After school hours required.</b>	Student will learn all elements of Tech theater. Set construction, costume construction & design. <b>Student will be required to work after school hours on the Fall musical, Spring play, and productions musical as stage crew. Limited enrollment.</b>
322731	Concert Band <b>(Fall sem)</b>	10,11,12	sem 1	Fine Art	\$15 plus attire cost		Study of various musical styles. This band will perform at concerts, festivals, school assemblies and serve as a pep band for basketball games. Students will work on solo/ensemble literature. <b>Purchase of Performance attire is required.</b> Select instruments can be rented from school.
322732	Concert Band <b>(Spring Sem)</b>	10,11,12	sem 2	Fine Art	\$15 plus attire cost		Study of various musical styles. This band will perform at concerts, festivals, school assemblies and serve as a pep band for basketball games. Students will work on solo/ensemble literature. <b>Purchase of Performance attire is required.</b> Select instruments can be rented from school.

Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
32274	Orchestra	10,11,12	year	Fine Art	\$15 plus Attire cost		Opportunity to play some great music while improving your talents on violin, viola, cello or bass.
32292	Marching Band (Fall sem.)	10,11,12	sem 1	Fine Art	\$85 plus Attire cost		Band consists of wind, percussion, and Colorguard sections. Student will perform at <b>ALL</b> home football games, school concerts, local parades and competitions throughout the semester. Wend players are expected to register for Concert Band second semester and percussion member are expected to register for percussion second semester. Colorguard members are expected to participate in the winter guard program second semester. Select instruments can be rented from the school.
32279	Percussion	10,11,12	sem	Fine Art	\$15 plus attire cost		Student will learn performance techniques on <b>ALL</b> percussion instruments. (Snare drum, mallets, timpani, auxillary and drum set). Percussion students in concert band and marching band are encouraged to register for percussion class. Student will perform with the concert band at festivals and concerts with the concert band. Purchase of sticks, drum pad, and mallets.
32283	Music Appreciation  <b>WSU MUSC 1010 3 cr.</b>	10,11,12	sem	Fine Art		Concert Attendance Required, WSU credit	Concert attendance required, WSU concurrent enrollment credit possible, textbook purchase required.
32370	Jazz Ensemble	10,11,12	sem	Fine Art	\$15		Jazz Band will meet at 7:00 a.m. on "A" day. Students will study the various styles of jazz music and perform in concerts, festivals and school assemblies. Members of the Jazz Ensemble <b>will also perform with the Concert Band</b> in concerts and festivals.

<b>Course#</b>	<b>Course Name</b>	<b>Grade</b>	<b>Length</b>	<b>Credit</b>	<b>Fee</b>	<b>Comments</b>	<b>Course Description</b>
32620	Music Theory AP	11,12	year	Fine Art	Workbook required		Advanced course for student with previous vocal or musical experience who are interested in gaining music proficiency in listening skills, music analysis and composition, rhythmic, harmonic, and melodic dictation, and transportation. This course will prepare student to successfully pass AP music test.



<b>Physical Education</b>		<i>1 ½ credits required for graduation</i>			<i>.50 credit</i>	<i>must be PE: Fitness for Life 73210</i>	
73210	PE: Fitness for Life	10,11,12	sem	PE/ Fitness for life		<b>Strongly recommended for 10<sup>th</sup> grade.</b>	This course is an individualized, concepts-based, one-semester course designed to give students the knowledge and skills necessary to self-asses, create, conduct, evaluate, and redesign personal fitness programs. 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 the personal lifetime fitness. Through participation, student will learn to compare the fitness benefits in a variety of individual and team activities. Student will become proficient in the use of a variety of assessments, measurement devices, exercise equipment, web and community resources and computer software. Assigned reading and writing assignments which include activity journals and portfolios. Course will broaden the physical education experience and contribute to the literacy of the student. <b>This course is required for graduation, no substitutions, including participation in athletics.</b>
73220	ILA: Sports	10,11,12	sem	PE		Must complete PE Fit 4 Life to enroll  may repeat	<b>This PE course is for those students who have successfully completed PE/Fitness for Life.</b> It will cover the fundamental skills of a variety of sports and activities which include soccer, basketball, flag football, volleyball, badminton and more. This course will emphasize lifetime physical fitness through sports and games.
732351	PE: Athletic Conditioning	10,11,12	sem 1	PE	\$10	may repeat	Emphasis on total body conditioning, muscular strength, flexibility, C.V. fitness, and speed training.

Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
732352	PE: Athletic Conditioning	10,11,12	sem 2	PE	\$10	may repeat	Emphasis on total body conditioning, muscular strength, flexibility, C.V. fitness, and speed training.
73236	Conditioning I	10,11,12	sem	PE	\$10	may repeat	Course is designed for students <b>not in competitive athletics</b> . Emphasis on learning proper lifting techniques in a variety of movements.
73238	Conditioning II	10,11,12	sem	PE	\$10	may repeat	<b>Advanced course for students who have completed Conditioning I.</b>
73212	PE: Aerobics	10,11,12	sem	PE	\$10	may repeat	This is not your typical aerobics class, it is for any one girl or boy that wants to work hard and be challenged physically. You will improve your cardiovascular endurance, speed, strength, and coordination. You will see results. It is a combination boot camp style (don't let that term scare you) class that includes bit in lot limited to interval training, plyometric training, and anaerobic segments including jump rope, sprints and other drills. This class will provide a full body workout using steps, bands, medicine balls, ropes. Each day is a different routine and a new challenge. Come prepared to work hard and have fun in the process.
73243	PE: Yoga	11,12	sem	PE	\$10	may repeat	This course includes stretching, creating balance in the body through developing strength and flexibility. In yoga we strive for union between the mind, body, and spirit.
73240	PE: Yoga 2	11,12	sem	PE	\$10	Yoga experience recommended. may repeat	This class features continued refinement of posture alignment with focus on connecting to the inner body experience of yoga and a deeper study of yogic philosophy. More challenging yoga poses such as inversions and backbends will be introduced. Detailed alignment instruction and emphasis on strength building to promote healthier, more resilient muscles with emphasis on mediation.

<b>Science</b>							
<b>3 credits required for graduation</b>							
<b>Course#</b>	<b>Course Name</b>	<b>Grade</b>	<b>Length</b>	<b>Credit</b>	<b>Fee</b>	<b>Comments</b>	<b>Course Description</b>
72215	Biology	10,11,12	year	Science	\$10	Intro to Biology	Comprehensive study of living things with hands on lab experience.
72240	Astronomy	10,11,12	sem	Science	\$10		Learn about the Solar System, our galaxy, and the universe from the Big Bang to the far future. Learn how stars evolve from gas clouds to black holes and how galaxies evolve. Labs will include hands on telescope time.
72317	Biology: Agricultural Science and Technology	10,11,12	year	Science	\$10	Same Science credit as Biology 72215	Study of living things with emphasis on agricultural plants and animals. Students with a desire to be in an agricultural class to receive science credit. This biology class is for those students who plan a career in an agriculture related field.
84216	Plant & Soil Science (Greenhouse)	10,11,12	year	CTE Science	\$10		This is one of the fastest growing industries in the country. Student will prepare to own or manage a greenhouse, be exposed to business opportunities that can make money through the plant science industry. Fifty percent of the class time will be spent in the greenhouse and surrounding facilities.
72610	Biology AP	10,11,12	year	Science	\$10	Must complete Bio, Chem, or AP Chem	Course will focus on molecules and cells, heredity and evolution, and organisms and populations. College freshman Bio level course.
72520	Chemistry	10,11,12	year	Science	\$10	Introductory Chem. class	Study of the structure and behavior of matter through lab experiments and problem solving.
72620	Chemistry AP	11,12	year	Science	\$10		A college level class offering in depth study of the structure and behavior of matter. Must complete Chem., AP Bio, or AP Physics.

Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
72530	Physics	10,11,12	year	Science	\$10	Recommend completion of Int. Alg.	Study of forces, matter, energy, heat, light, sound, electricity, magnetism. Hands on lab.
72650	Physics 1 AP	11,12	year	Science	\$10		This course is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills.
72630	Physics 2 AP	11,12	year	Science	\$10		Students explore principles of fluids, thermodynamics, electricity, magnetism, optics, and topics in modern physics. The course is based on seven Big Ideas, which encompasses core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about the physical world.
72640	Physics C AP	11,12	year	Science	\$10		Similar to Physics B/AP except is designed for Science and Engineering majors. Calculus is used throughout the course.
72645	Environmental Science AP	10,11,12	year	Science	\$10		Course will provide student with scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. College credit may be earned upon passing AP exam.
72255	Investigative Science	10,11,12	year	Science	\$10		Students will explore science while improving research skills and enhancing oral and visual presentation techniques. Each student will develop an independent science research project and will enter that project in science fair competition.

Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
47380	Medical Anatomy & Physiology	11,12	year	CTE Science	\$10	<b>Biology completion recommended</b>	Course looks at anatomy and physiology with a medical emphasis. <b>Successful completion of Biology recommended before enrollment.</b>
84217	Animal Science	10,11,12	year	CTE Science	\$10	3 <sup>rd</sup> year science credit	Student will be exposed to animal science and technology principles which include genetics, anatomy, physiology/nutrition, diseases, pests, and management practices. The scientific processes of observation, measurement, hypothesizing, data gathering, interpretation, analysis, and application are stressed. Career opportunities and educational preparation are examined. Learning activities are varied, with classroom, lab, and field experiences emphasized.
47487	Medical Forensics	11,12	year	CTE Science	\$10	Successful completion of Biology required.	Learn to apply science to the law in Medical Forensics. You will study many different topics in the medical forensics field. With hands-on laboratory exercises, become familiar with fingerprints, toxicology, DNA, blood spatter, forensics psychology, mortality, anthropology, hair, fiber, and trace evidence.
84227	Natural Resource Science	10,11,12	year	CTE Science	\$10	3 <sup>rd</sup> year science credit  <b>FFA, is also a large component of this class.</b>	Student will develop knowledge and skills related to production management and conservation of natural resources. This semester class fulfills 1 science credit. Major units will include natural resource management, impacts of society on natural resources, and waste management. Field and laboratory experiences will be emphasized. The agriculture student organization, FFA, is also a large component of this class.

<b>Social Studies      3 Credits required for graduation – .5 Geography, 1 World History, 1 US History, .5 Gov't/Citizenship</b>							
Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
77210	World Civilization	10,11,12	year	Wld Civ			This class offers a broad view of World History.
77515	World Civilization Honors	10,11,12	year	Wld Civ			Class offers broad view of World History. Prepares student for college level work.
77310	US History	10,11,12	year	US Hist			Covers US History from reconstruction to the present.
77525	US History Honors	10,11,12	year	US Hist			Covers US History from reconstruction to the present. Prepares student for college level work.
77610	AP American History	10,11,12	year	US Hist	Book	Rigorous course	Covers Am History from discovery to present. Course prepares the student to take AP test.
77620	AP European History	10,11,12	year	Wld Civ	Book	Rigorous course	Course covers European history from the dark ages to present. Course prepares student to take AP test.
77560	US Government & Citizenship	11,12	sem	Gov & Citizen			Basic U.S. government class. Course will focus on the responsibilities of citizenship. <b>This course should be taken after completion of US History.</b>
77565	US Gov't & Citizenship Hon	11,12	sem	Gov & Citizen			This is an honors level class designed to prepare students for college level class work with more writing & reading requirements. This course should be taken after completion of US History.
77660	AP US Government	11,12	sem	Gov & Citizen			This course is designed to prepare students for the AP Government test. <b>This course should be taken after completion of US History.</b>
77430	Psychology	10,11,12	sem	Elect			Studies behavior, mental processes. Scientific emphasis – nervous system, sensation, perception.

Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
77630	AP Psychology	11,12	year	Elect	book		Covers a full introduction to Psychology course offered to freshman in college. Prepares student to take AP test.
77335	Psychology Sports	10,11,12	sem	Elect			Course is designed to give the athlete an edge by focusing on psychological aspects of performance.
23205	Current Events	11,12	sem	Elect			Class will focus on recent events locally, regionally, nationally, and globally that affect our lives politically, socially, and economically. Events today that will be in the history books tomorrow.
77640	Comparative Government & Politics/AP	11,12	sem	Elect			This course will be an introduction to fundamental concepts of government such as sovereignty/authority/ power, political institutions, citizens/society/state, political/economic change, and public policy, which are used by political scientists to study the processes and outcomes of politics in different countries. The fundamental concepts afore mentioned, will be taught by comparing 6 main countries to each other; China, Great Britain, Iran, Mexico, Nigeria, and Russia.

Visual Arts: Fine/Commercial			1 ½ Credit required for graduation			<a href="http://WHSVisualArt.yolasite.com">http://WHSVisualArt.yolasite.com</a>	
Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
32210	Art I	10,11,12	sem	Fine Art	personal project cost plus \$20		This is a high school entry-level course. Emphasis on studio production, this course is designed to develop higher-level thinking, art-related technology skill, art criticism, art history, and aesthetics.
32211	Art II	10,11,12	sem	Fine Art	personal project cost plus \$20		Exploration of various mediums including charcoal, acrylic painting, water color and ink. This course offers a continuation of Art elements and principles of design.
32216	Painting	11,12	sem	Fine Art	personal project cost plus \$20	Recommend completion of Art I and Art II	This course will include aqueous media with processes of transparent and opaque painting with a focus on operations of color theory. Developing content based compositions using principles and elements of design will be emphasized. <a href="http://paintingclassatwhs.yolasite.com">http://paintingclassatwhs.yolasite.com</a>
32610	AP Art	10,11,12	year	Fine Art	personal project cost plus \$20	recommend completion Art I	This course follows the outline and requirements of the AP program. It is a college level course that includes painting, drawing, and sculpture. Student will prepare to take the AP Art exam in the Spring.
32230	Pottery	10,11,12	sem	Fine Art	materials \$20		Course develops basic skills in the creation of 3D forms and pottery from clays. Techniques in hand building, wheel throwing, basic glazing, and firing are taught.
32231	Pottery II	10,11,12	sem	Fine Art	Materials \$20	Recommend completion Pottery I	<b>Intermediate</b> course that builds on skills learned in Pottery I.
32331	Sculpture	10,11,12	sem	Fine Art	Materials \$20		Students will work with 3D visual art. Products used will be modeling clay, wire armatures, molds, casts, and stone.
32332	Sculpture II	10,11,12	sem	Fine Art	Materials \$20	Recommend completion Sculpture I	<b>Intermediate course</b> that builds on skills learned in Sculpture I. Mold making and stone carving is part of this course.



Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
32335	Jewelry Making	10,11,12	sem	Fine Art	Materials \$20		Course teaches basic jewelry fabrication skills, such as cutting, filing, shaping, soldering, basic stone setting and finishing processes. Basic lost wax casting techniques are also taught.
32336	Advanced Jewelry	10,11,12	sem	Fine Art	Materials \$20	recommend completion Jewelry I	<b>Intermediate course</b> introduces techniques such as inlay, forming, enameling, and designing with moving parts. Emphasis is made to produce original designs and develop advanced projects. Entering shows and competitions is expected.
52250	Yearbook	10,11,12	year	Fine Art		<b>Application required.</b> See your counselor. Recommended- Completion of Digital Photo, Journalism, or previous yearbook experience.	Students will have an active part in the layout, design and production of the yearbook. The student must be willing to dedicate personal time to cover school activities, sporting events and in meeting deadlines to produce a quality yearbook. <b>Application required</b> , see Mr. Wilding, room 249, or email him <a href="mailto:dwilding@wsd.net">dwilding@wsd.net</a>
32310	Design and Visual Communications I  (Art & Graphic Design)	10,11,12	sem	CTE Fine Arts	\$20 plus personal project cost	recommend completion Art I, Digital Photo 1	New electronic art media used in modern communications as adv. design, illustration, graphics, and typography. Introduction into Adobe Illustrator and Adobe InDesign. Hands on team projects, personal logos, current technology, career opportunities, and project design assignments, assist the student in growing as an artist or future graphic designer

Course#	Course Name	Grade	Length	Credit	Fee	Comments	Course Description
32248	Basic Digital Photography <i>(Photo 1)</i>	10,11,12	sem	CTE Fine Arts	\$15	<b>5+ megapixel Digital Camera and jump drive required</b> Recommended completion of Art 1	Student will learn functions of digital cameras as well as the computer program Adobe Photoshop for picture touch-up and manipulation. Presentations will be in Microsoft Power Point. Scanning, printing, downloading, cropping, resolutions, color balance, image enhancing, retouching, restoring, file management, and file formats will be covered. A <b>5+ megapixel digital camera</b> is required and a 1+gig memory stick is highly recommended for transferring files on and off the computer.
32249	Advanced Commercial Photography <i>(Photo 2)</i>	11,12	sem	CTE Fine Arts	\$15	<b>5+ megapixel Digital Camera and jump drive Required</b> Recommended completion of Basic Digital Photo	Advanced course which covers the professional techniques of Photoshop. Emphasis on career related opportunities and development of professional work and knowledge of the digital process. A 5+ megapixel digital camera required. No camera cell phones or PDA's may be used.
32611	Art History AP	11,12	year	Fine Arts	book	Rigorous course	This course is designed to prepare student for the AP Art History Test. Enrollment in the AP Art History Flex course is recommended.

## WEBER SCHOOL DISTRICT APPLIED TECHNOLOGY EDUCATION MAGNET PROGRAMS FOR 2017-2018

Magnet programs are taught only at designated locations because enrollment does not warrant a program at each high school. Each magnet program is fully supported by certified teachers and certified curriculum. Students from all high schools in the district may attend any magnet program under the following conditions:

1. Register for the program during the regular registration process at your high school. The registration process generates a list of students who then receive a notice for the parent meetings regarding the program and its unique requirements. The meetings are held in the spring at various times and locations around the district. **Students and a parent must attend one of the meetings. Students must return the necessary registration materials by the due date.**
2. Magnet programs run from 7:30 a.m. to 10:30 a.m. or Noon to 3:00 p.m. This accommodates lunch and safe travel. Each magnet class is scheduled for two periods for one semester. Student is responsible for their own transportation.
3. Seniors who have successfully completed 2.0 credits in their identified Pathway may be eligible for an Internship or Work-Based Learning Program. Students should meet with their counselor for additional information. Completion of the Critical Workplace Skills curriculum packet is required.

Course	Course Title	Grade	Fee	Location	Comments	Course Description
43232	Advanced Fashion Design	11,12		Roy High 2 per 1 sem		Continuation including men & children's wear, pricing domestic & international markets, fashion promotion, trend forecasting, fashion careers & modeling. In house fashion show required.
43127	Clothing II	10,11,12		WIC 2 per 1 sem		This course introduces student to basic sewing, serger, and pressing equipment and reviews fabric construction on an intermediate level. Students will be able to make an intermediate level project using correct construction techniques. Students may qualify to take the state skills certification test #353. In Designer Sewing, the students will be able to continue their sewing skills at an advanced level. Pattern design, fitting and alteration, custom sewing, home decorating and other entrepreneurial opportunities will be discussed.
77465	Criminal Justice <i>WSU CJ 1010</i> <i>3 credits</i>	11,12	\$12	WIC 2 per 1 sem		For those interested in law enforcement or students desiring General Education credit at WSU. Three WSU credits.

**EDUCATION MAGNET**

23900	Exploring Teaching  <i>WSU Intro Education 1010 3 credits</i>	11,12		West Haven Elementary	WSU credit	Student will explore the exciting world of teaching, examine what it means to be a teacher and participate in field observations. <b>This course is a prerequisite to elementary and secondary licensure programs in the department of teacher education at WSU.</b>
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## HEALTH SCIENCE MAGNETS

Course	Course Title	Grade	Fee	Location	Comments	Course Description
47481	Advanced Health Sciences  <i>WSU Credit 11,12</i> <i>HTHS 1110 4 cr. and HTHS 1111 4 cr.</i>	12	Book	Fremont High or Bonneville High 1 <sup>st</sup> & 5 <sup>th</sup> period all year	WSU credit <b>Successful completion of MAP strongly recommended before enrolling in this course.</b>	WSU integrated Human Anatomy and Physiology.  HTHS 1110 and HTHS 1111 <b>concurrent credit must be taken.</b>
47356	Intro to Physical Therapy	12		WIC 2 per Semester		This course is designed for students to explore the Physical Therapy pathway. Students will learn physical therapy principles and methods of healing for musculoskeletal, neuromuscular, cardiovascular and integumentary conditions, as well children and geriatric patient care. Medical terms associated with the Physical Therapy pathway will be introduced, in addition to history, legal and ethical issues, insurance reimbursement process, professionalism and current trends in Physical Therapy. This class is designed to prepare students to enter a Physical Therapy Assistant program.

## PROJECT LEAD THE WAY – ENGINEERING/ELECTRONICS/MANUFACTURING

Course	Course Title	Grade	Fee	Location	Comments	Course Description
84220	Intro to Engineering Design (PLTW IED)  <b>WSU DET 1010</b> <b>3 cr.</b> <b>DET 1160 3 cr.</b>	10,11,12	\$10	WIC	WSU credit 11, 12 grade  sem 2 period block	A beginning course for students wanting to explore a 3D Computer Aided Design (CAD) through mechanical engineering design and see their results with Rapid Prototyping (3D Printing). It includes the Engineering Design Process, Freehand Sketching & Documentation, 3D CAD Modeling, skills with Geometric Construction, Shape and Size Description, Orthographic Projection, Sectional view, basic Dimensioning and Tolerancing, Threads and Fasteners, and in introduction to Working Drawings. A final “Team Design Project” is at the end of this course. Sophomores are now eligible to earn collect credit through concurrent enrollment with WSU upon completion of this class. Each student will be provided with free CAD software for their personal home computer.
84410	Principles of Engineering/ PLTW POE  <b>WSU MFET 1150</b> <b>1 credit</b>  <b>WSU MET 1000</b> <b>3 credits</b>	9- 12	\$10	WIC 2 per 1 sem	<b>3<sup>rd</sup> yr science credit or CTE credit</b>  WSU credit	This course provides an overview of engineering and engineering technology. Students develop problem-solving skills by tackling real-world engineering problems. Through theory and practical hand-on experiences, students address the emerging social and political consequences of technological change.

Course	Course Title	Grade	Fee	Location	Comments	Course Description
84430	Digital Electronics PLTW/DE  <b>WSU CEET 1130</b> <b>4 credits</b>	10,11,12	\$10	WIC	2 periods 1 sem.,  <b>3<sup>rd</sup> yr science credit</b>  WSU credit	Automation is beginning to replace human labor. Those who do not learn how to control robots, may someday work for one, or worse, be replaced by one. This course teaches students how to take their own ideas and to develop them into electronic circuits that can automate processes and applications used in robots, cell phones, video games, toasters, vending machines, and thousands of other computerized devices. This course is different than computer programming in that it utilizes computer hardware and software to accomplish tasks (rather than focusing on software only). Students will develop ideas, convert those ideas into equations, develop those equations into prototypes that have real world value and marketability.
84440	Computer Integrated Manufacturing PLTW/CIM	10,11,12	\$10	WIC	2 periods 1 sem.	This course teaches the fundamentals of computerized manufacturing technology. It builds on the solid-modeling skills developed in the I.E.D. course. Students use 3-D computer software to solve design problems. They assess their solutions through mass propriety analysis (the relationship of design, function and materials), modify their designs, and use prototyping equipment to produce 3-D models.
84450	Civil Engineering & Architecture PLTW/CEA  <b>WSU DET 2000</b> <b>3 credits and</b> <b>WSU DET 1350</b> <b>3 credits</b>	10,11,12	\$10	WIC	2 periods 1 sem.	Introduces students to the interdependent fields of civil engineering and architecture. Students learn project planning, site planning, and building design.

Course	Course Title	Grade	Fee	Location	Comments	Course Description
84460	Aerospace Engineering PLTW/AE	10,11,12	\$10	WIC	2 periods 1 sem.	Expands horizons with project developed with NASA aerodynamics, astronautics, space-lift sciences and systems engineering.
84470	Eng. Design and Development PLTW/EDD <i>WSU DET 2460</i> <i>3 credits</i>	12	\$10	WIC  Fall sem only	2 periods 1 sem.	An engineering research course in which students work in teams to research, design and construct a solution to an open-ended engineering problem. Students apply principles developed in the four preceding courses and are guided by a community mentor. They must present progress reports, submit a final written report and defend their solutions to a panel of outside reviewers at the end of the course.



## INTERACTIVE COMPUTER ARTS MAGNET

Course	Course Title	Grade	Fee	Location	Comments	Course Description
27301	Interactive Computer Arts Software and App Development  <i>WSU CS 1030 4 cr. and WSU CS 1400 4 cr.</i>	10,11,12	\$10	WIC	2 periods 1 sem.	Using Python® as a primary tool and incorporating multiple platforms and languages for computation. Students will also develop apps for smart phones and tablets. This course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. This course can be a student's first course in computer science. CSE helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, robotics, and simulation.  *Students will be able to take the AP Computer Principles Test
27302	Interactive Computer Arts Game Fundamentals  <i>WSU CS 1010 3 cr.</i>	10,11,12		WIC	2 periods 1 sem.	Through project based experience, students gain fundamental knowledge of video game development. These fundamentals include game design, scripting, creation of digital assets, graphical resources, animations, understanding hardware, problem solving, critical thinking, collaboration and project Management. <b>Prerequisites:</b> Either CS Software and App Development or Programming 1A & 1B. This is also an excellent class for Artistic students.
27303	Interactive Computer Arts Dynamic Web Development <i>WSU CS 2350 4 cr.</i>	10,11,12		WIC	2 periods 1 sem	This class introduces students to Internet programming and developing Web Applications. This class teaches HTML 5 which is a programming language that is starting to become an industry standard. Students will learn how to make Dynamic Web Pages that will help them in many ways, including making their video games more interactive. <b>Prerequisites:</b> Either CS Software and App Development or Programming 1A & 1B.

Course	Course Title	Grade	Fee	Location	Comments	Course Description
27304	Interactive Computer Arts Applications  <i>WSU CS 1410 4 cr.</i>  <i>(formerly Computer Programming 2)</i>			WIC	2 period 1 sem  3 <sup>rd</sup> year science credit possible	This is an advanced course in computer programming/software engineering and applications. It reviews and builds on the concepts introduced in earlier CS Classes. 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. The main programming language will be Java. <b>Prerequisites:</b> Either CS Software and App Development or Programming 1A & 1B. *Students will be able to take the AP Computer Science A Test

## WEBER INNOVATION CENTER

1007 West 12<sup>th</sup> Street, Ogden, UT

Course	Course Title	Grade	Fee	Location	Comments	Course Description
77650	Snow POLS 1100 American National Government	12	\$30 admission fee plus \$5 fee per credit hour	WIC	Snow College 3 credits	Fulfills high school graduation Government and Citizenship credit.
32314	Snow ART 1010	12	\$30 admission fee plus \$5 fee per credit hour	WIC	Snow College 3 credits	Fulfills high school graduation Fine Arts credit.
52422	WSU ENG 2010	12	\$30 admission fee plus \$5 fee per credit hour	WIC	WSU 3 cr.	Student must earn ACT score of 29 on both the English and Reading tests, or earn a 3 or higher on the AP English Exam, and complete English 1010. Fulfills high school graduation English 12 credit.
72260	WSU GEO 1110	12	\$30 admission fee plus \$5 fee per credit hour	WIC	WSU 3 cr.	

More course offerings:

52420 WSU Eng 1010

62563 WSU Math 1050

62567 WSU Math 1010

52434 Snow Eng 2200

77605 Snow Soc 1010

72605 Snow Bio 1050/1055

52430 Snow Comm 2110

72232 Snow Chem 1110/1115

77428 Snow Psych 1010

43330 Snow Human Dev 1500

62430 Snow Comm 2110

77616 Snow Hist 2710

77672 Snow Geog 1300

32283 Snow Music 1010

62600 Snow Math 1060

