

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 10th 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.

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

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

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| Dave Green, CTE Coordinator Weber High School 430 W. Weber High Drive Ogden, UT 84414 801-476-3716 | or | Gina Buttars, Student Services Director Weber School District 5320 Adams Avenue Parkway Ogden, UT 84405 801-476-7811 |
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2019-2020 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 |
| DIGITAL STUDIES | .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 1st 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 **3rd 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 10th 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
 English 2010 WSU
 English 2200 WSU
 Agricultural Communications

SOCIAL SCIENCE

US Hist, CP, Hon
 Wld Civ, CP, Hon
 Amer. Hist AP AP European
 Geography AP World Hist
 Gov't & Citizenship H
 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
 Pre-calculus
 Elem Algebra
 Geometry
 Statistics/ Stats AP
 College Prep Math
 Int. Algebra
 Algebra WSU 1050/ USU 1060
 Secondary Math I, II, III, Honors
 Math 1030

NATURAL/PHY SCIENCE

Biotech DNA Physics 1/2/C/AP
 Biology CP/AP Physics
 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

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 2 and 3
Survey of Cinema
Fitness For Life
Health
Peer Tutor
US Govt/Citizenship

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 THAT BEGAN 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

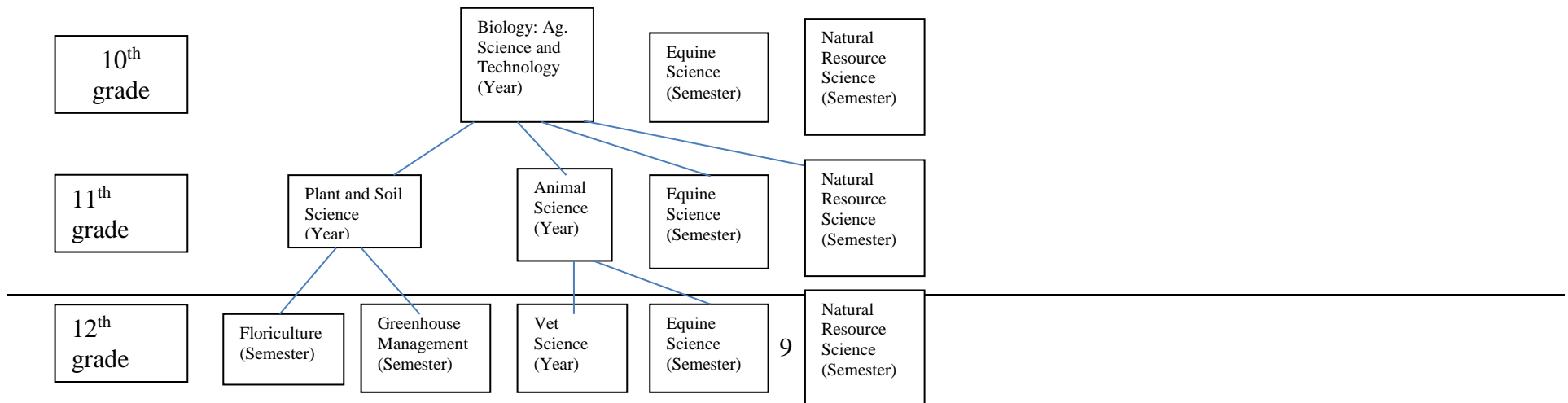
Approved High School Course Offerings for 2019-2020

| Course # | Course Name | Grade | Length | Credit | Fee | Comments | Course Description |
|---|--|----------|--------|-------------|------|--|--|
| Agriculture Sciences <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 USU PLT 1800 (3 CR) | 10,11,12 | year | CTE Science | \$10 | 3 rd year science credit Must complete Biology or Bio Ag before enrolling | 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. Must complete Biology before enrolling. |
| 84227 | Natural Resource Science | 10,11,12 | year | CTE Science | \$10 | 3 rd 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 rd 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 |
|----------|-------------------------------------|-------|--------|-----------------------------|------|--|--|
| 84100 | Agricultural Communications | 12 | Year | CTE or English 12 credit | | | Communications affects all aspects of our lives. This course will teach students to communicate in a clear, courteous, concise, complete, and correct manner on both the personal and professional levels. Competency will be developed in oral, written, interpersonal, technological, and employment communication. The overriding goal is to provide students with a solid communication base, so they are able to communicate effectively. Students will complete the course with a greater understanding of the impact of technology and the need for effective communication skills to advance in their chosen career path. Upon completion of this course students can receive a 12 th grade English credit. |
| 84326 | Floriculture | 12 | sem | CTE | | Must complete Plant Science before enrolling | 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/ SCI | \$10 | Must complete Animal Science before enrolling | 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. |

| Course # | Course Name | Grade | Length | Credit | Fee | Comments | Course Description |
|----------|--|----------|--------|-------------|------|---|--|
| 84328 | Greenhouse Management | 10,11,12 | sem | CTE | | Must complete Plant Soil Science to enroll | 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 rd year science credit Must complete Bio/Bio Ag before enrolling | 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. |

Agricultural Science flow chart:



| 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, print t-shirts, edit an epic video, bring a character to life, and so much more! Join this exploding digital arts field. Through this course, you will be prepared for immediate employment, advanced certifications, and further education. mrpotokar.com |
| 32258 | Video 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. mrpotokar.com |

| Course # | Course Name | Grade | Length | Credit | Fee | Comments | Course Description |
|----------|-----------------|----------|--------|--------|------|---|--|
| 32259 | Video 2 | 11,12 | sem | CTE | | Recommend Completion of Video Production 1 | Use advanced film editing techniques to create a variety of advanced video projects. Expand your skills in Adobe After Effects, multi-camera shots, effects, editing and more. Enjoy expanded time for your personal projects. Create an entry for the film festival. Become a part of this exciting advanced course. mrpotokar.com |
| 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 | 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. Application Required , see Mr. Potokar, room 521 or email spotokar@wsd.net warriortelevision.com |
| 32477 | Warrior TV 2B | 11,12 | sem | CTE | | | Full year warrior TV, sign up for this class along with Warrior TV 2A. warriortelevision.com |

| Course # | Course Name | Grade | Length | Credit | Fee | Comments | Course Description |
|----------|--|----------|--------|------------------|---------------------------------|---|--|
| 32310 | Design and Visual Communications I <i>(Art & Graphic Design)</i> OWATC | 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 | 5+ megapixel Digital Camera required | 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 5+ megapixel digital camera 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 | 5+ megapixel Digital Camera required | 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 WSU IDT 1010 3 cr. | 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. |

Applied Technology

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 Name | Grade | Length | Credit | Fee | Comments | Course Description |
|----------------------------------|-------|---------------|----------|-----|----------|--|
| Internship | 12 | sem | Elective | | | Must be on line for graduation to participate. See your counselor for guidelines. |
| Workplace Skills <i>OWATC</i> | 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 |
|---------|-------------|-------|--------|--------|-----|----------|--------------------|
|---------|-------------|-------|--------|--------|-----|----------|--------------------|

Business *1 Credit CTE - .5 Credit Digital Literacy required for graduation*

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|-------|-------------------------------|----------|-----|----------|----------------------------------|----------------------------------|---|
| 28230 | Accounting I <i>OWATC</i> | 10,11,12 | sem | CTE Math | Work Book Purchase Required \$34 | 3 rd year math credit | Come learn the language of business. Students will apply the debit/credit theory and learn how to record, analyze and create financial documents. |
| 28231 | Accounting II <i>OWATC</i> | 10,11,12 | sem | CTE Math | Work Book Purchase Required \$34 | 3 rd 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. |

| Course # | Course Name | Grade | Length | Credit | Fee | Comments | Course Description |
|----------|---|------------|--------|--------|-----|----------|--|
| 28264 | Marketing <i>WSU PS 1303 3 cr.</i> <i>OWATC</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. Examples of projects include: creating an advertising or public relations campaign, developing a business plan, conducting marketing 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 | | | An interactive look into the business of sports and entertainment. Core marketing standards will be studied with their application to the sports and entertainment industry. |
| 28370 | Hospitality and Tourism | 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. |
| 28372 | Event Planning and Management | 10, 11, 12 | Sem | CTE | | | This course is designed for students interested in learning about this multi-billion dollar industry. Students are introduced to many facets of event planning including: site selection, budgeting, promotion, and catering. Students will organize, plan, and evaluate various meetings and events. Examples will include, but not limited to, conferences, sporting events, weddings, and workshops. |

| Course# | Course Name | Grade | Length | Credit | Fee | Comments | Course Description |
|---------|---|----------|--------|--------|-----|---|---|
| 28243 | Entrepreneurship <i>WSU ENTR 1002 3 cr.</i> | 10,11,12 | sem | CTE | | | Interested in starting or operating your own company? Students will discover about marketing, finance, hospitality, and management strategies for success. Business plans are created and submitted through various competitions. |
| 43231 | Fashion Merchandising (intro course) | 10,11,12 | sem | CTE | | Course should be taken BEFORE FASHION DESIGN STUDIO. | Are you interested in fashion? Whether you are interested in the current trends or in a potential career-this is the class for you! This is an introductory course that teaches basic fashion concepts and marketing technology, fashion cycles, key components of the fashion industry such as fashion designers, fashion capitals and fashion week, retail merchandise categories, fashion promotion including advertising and social media, and fashion careers. |
| 43230 | Fashion Design Studio <i>WSU PS 1503 3 credits</i> | 10,11,12 | sem | CTE | | Course should be taken AFTER Fashion Design Merch. | 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 | Students get hands on experience, working in the school store as a lab. Instruction includes retailing concepts in marketing, distribution, inventory management, pricing and promotion. |
| 28356 | Digital Marketing <i>OWATC</i> | 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 WSU PS 1403 3 cr. OWATC | 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. |
| 28259 | Leadership Principles UVU MGMT 1250 3credits OWATC | 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. |

DIGITAL STUDIES

| | | | | | | | |
|-------|--|------------|-----|---------|--|---------------|--|
| 28378 | Digital Business Applications | 10, 11, 12 | Sem | CTE DIG | | | 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. |
| 28221 | Web 1700 (Business Off Spec) | 10,11,12 | SEM | CTE DIG | | 3 WSU credits | This course applies advanced concepts and principles using word processing, spreadsheets, databases, and electronic presentation software. Students will integrate applications learned. |
| 28223 | Business Office Specialist <i>OWATC</i> | 10,11,12 | SEM | CTE DIG | | OWATC Credit | This course applies advanced concepts and principles using word processing, spreadsheets, databases, and electronic presentation software. Students will integrate applications learned. |

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|-------|----------------------------|----------|-----|-----|--|--|---|
| 27208 | Exploring Computer Science | 10,11,12 | sem | DIG | | | 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 |
|---------|---|--------------|--------|------------|-----|----------|--|
| 27216 | Web Development WSU CS 2350 (3cr) | 10-12 | Year | CTE DIG | | | |
| 27401 | Computer Science Principals WSU CS1030 4 credit | 10, 11, 12 | Sem | CTE DIG | | | Computer Science Principles is a new course that follows a project to develop a computer science course that seeks to broaden participation in computing and computer science. The course places emphasis on the principles of computer science rather than just programming. Big ideas and concepts include: (1) Computing is a creative activity (2) Abstraction reduces information and detail to facilitate focus on relevant concepts (3) Data and information facilitate the creation of knowledge (4) Algorithms are used to develop and express solutions to computational problems (5) Programming enables problem solving, human expression, and creation of knowledge |
| 27402 | Game Development WSU CS 1010 (3cr) | 10-12 | Sem | CTE | | | |

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|-------|--|----------|-----|--|---|--|
| 27403 | Computer Programming 1 WSU CS 1400 (3 cr) | 10,11,12 | sem | CTE 3 rd year Math credit DIG | Not a substitute for 10 th grade math | |
|-------|--|----------|-----|--|---|--|

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

Engineering/Industrial/Drafting

| | Course Name | Grade | Length | Credit | Fee | Comments | Course Description |
|-------|---|----------|--------|--------|------|----------------------------|--|
| 84275 | CAD/Mechanical I (Drafting Beginning) OWATC | 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. http://blog.wsd.net/acarlson/ |
| 84276 | CAD/Mechanical II WSU DET 1010, 3 credits OWATC | 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). http://blog.wsd.net/acarlson/ |

| Course# | Course Name | Grade | Length | Credit | Fee | Comments | Course Description |
|---------|--|----------|--------|--------|------|--|---|
| 84320 | CAD/Architectural I WSU DET 1040 3 cr. OWATC | 10,11,12 | sem | CTE | \$10 | WSU Concurrent Enrollment now available to sophomores as well. 3 Credit Hrs | 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. http://blog.wsd.net/acarlson/ |
| 84321 | CAD/Architecture II WSU DET 1350 3 cr. OWATC | 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). http://blog.wsd.net/acarlson/ |

| Course# | Course Name | Grade | Length | Credit | Fee | Comments | Course Description |
|---------|--|----------|--------|--------|--------------------|-----------------------|---|
| 84370 | Welding Technician Entry A | 10,11,12 | sem | CTE | \$20 Lab Fee | | This hands on course will help you as you develop an in demand skill. You will learn welding processes used in today's manufacturing and construction industry. The focus will be on GAS METAL ARC WELDING (mig welding), OXY-FUEL CUTTING and SHEILDED METAL ARC WELDING (stick welding). |
| 84372 | Welding Technician Entry B | 10,11,12 | sem | CTE | \$20 Lab Fee | Plus personal project | This course is the next step in the welding program here at Weber. After learning GMAW, OFC and SMAW in welding A you will be ready to apply and build upon your welding skills by working on some small welding projects. PLASMA ARC CUTTING will be introduced. You will also be able to take an AWS welder qualification test. |
| 84373 | Welding Technician Entry Full Year | 10,11,12 | year | CTE | \$20 Lab Fee | Plus personal project | This hands on course will allow you to learn in depth GAS METAL ARC WELDING (mig welding), OXY-FUEL CUTTING and SHEILDED METAL ARC WELDING (stick welding). In this course you will be able to prepare for Skills USA welding contests were you can showcase your welding skills with high school students across the state. |
| 84375 | Welding Tech Intermediate WSU MFET 2153 1 cr. | 11,12 | year | CTE | \$20 Lab Fee | Plus personal project | In this upper level welding course you will have the chance to earn credit from WSU in there welding engineering program. You will learn GAS TUNGSTEN ARC WELDING (tig welding) as well as FLUX CORED ARC WEIDING. These are high demand welding skills and will give you the skills to pay the bills! Welding A and B are recommended as prerequisites. |

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|----------------|---|--------------|-------------------|---------------|--------------------|--|---|
| 84377 | Welding Technician Advanced WSU MFET 2670 & 2670 L 3 cr. | 12 | year | CTE | \$20 Lab Fee | Plus personal project | In this hands on course you have made to the highest level of welding here at Weber. You will be able to test your welding skills by performing an AWS welding test to earn a welding qualification. You will be able to build projects and refine your mastery of GMAW, SMAW, OFC, GTAW and FCAW. Weld Tech Intermediate recommended as prerequisite. |
| 84260 | Woodworking | 10,11,12 | sem | CTE | \$20 Lab Fee | 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 and CNC to enhance their projects. (Grades 10-12) For more information go to: http://blog.wsd.net/acarlson/ |
| Course# | Course Name | Grade | Length | Credit | Fee | Comments | Course Description |
| 84262 | Furniture Design and Manufacturing | 11,12 | sem 2 hr block | CTE | \$20 Lab Fee | 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 and CNC to enhance their projects. (Grades 10-12) This is taught as a “2 hr block” for 1 Sem. http://blog.wsd.net/acarlson/ |
| 84267 | Construction Management 1 | 10,11,12 | Sem | CTE | \$20 | Safety Glasses CMT 1100 (1cr) | 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: http://blog.wsd.net/acarlson/ |

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|-------|--|----------|---------------------------|-----|--------------------|----------------------------------|---|
| 84268 | Construction Management 2 & 3 | 11-12 | 2 period block Sem at WIC | CTE | \$20 | Safety Glasses CMT 1310 (4cr) | |
| 84250 | Small Vehicle Technician | 10,11,12 | sem | CTE | \$20 Lab Fee | Personal project cost | In this course you will learn engine fundamentals of single piston internal combustion engines. You will learn repair theory on machines ranging from trimmers to snowmobiles and ATV's. |
| 84245 | Introduction to Automotive Services OWATC WSU AUSV1000 2 credits | 10,11,12 | sem | CTE | \$20 Lab Fee | Concurrent at WSU | Designed to teach the student auto shop safety, vehicle maintenance, safety inspection, cooling system maintenance. Student may enroll in this course and Small Vehicle the same year. |

| Course# | Course Name | Grade | Length | Credit | Fee | Comments | Course Description |
|---------|---|-------|------------------|--------|-----------------------|---|--|
| 84331 | ASE Brakes WSU AUSV 1021 2 cr. OWATC | 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 AUSV 1320 4 credits OWATC | 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 WSU AUSV 1120 3 cr. OWATC | 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 WSU AUSV 1022 3 cr. OWATC | 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. |

| English | | 4 Credits required for graduation | | | *Satisfies 4 th year English requirement | | |
|---------|--|-----------------------------------|------|--------|---|---|--|
| 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. |
| 52420 | English 11 Language AP Eng 1010 – 3 credits Eng Elective 3 credits | 11 | year | Eng 11 | | Score of 3 or higher on the AP exam qualifies students for English 2010. CE course address adult topics and issues within various assignments/discussions along with the required reading and appropriate film analysis for the specific course. All materials for such courses are on college level. | 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 Eng 1010 – 3 credits HU/DV 2200 –3 credits | 12 | year | *Eng 12 | Book | CE course address adult topics and issues within various assignments/discussions along with the required reading and appropriate film analysis for the specific course. All materials for such courses are on college level. | College-level work in preparation for AP test. Emphasis on critical analysis of literature. May earn college credit upon passing AP test. |

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|-------|---|----|-----|------------|----------|--|--|
| 52420 | English 1010/WSU WSU Eng 1010 – 3 credits | 12 | sem | *Eng 12 | WSU Book | CE course address adult topics and issues within various assignments/discussions along with the required reading and appropriate film analysis for the specific course. All materials for such courses are on college level. | 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. |
| 52422 | English 2010 WSU Eng 2010-3credits | 12 | Sem | English 12 | | Prerequisite: English 1010, score of 3 or higher on AP Lang/Comp exam, or scores of 29 or higher on ACT English and Reading. | This course is Technology Intensive Concurrent Enrollment (T.I.C.E.) and requires regular computer and Internet access for work submission and online activities. Course advances instruction in English 1010 by elevating writing practice to analysis and writing of research arguments, while continuing to emphasize that sources are part of an ongoing conversation. |
| 52435 | English 2200 HU/DV WSU Eng 2200-3 credits | 12 | Sem | English 12 | WSU Book | CE course address adult topics and issues within various assignments/discussions along with the required reading and appropriate film analysis for the specific course. All materials for such courses are on college level. | This is a CE college course introduction to literature. Students will read and analyze fiction, nonfiction, poetry, and drama for all the features of writing that make it interesting: speakers, points of view, themes, symbols, figurative language, etc. |

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|-------|--------------------|----------|------|------------|----------------------------|---|--|
| 52270 | Speech & Debate I | 10,11,12 | year | *Eng 12 | \$85 pay to play fee | Must meet HSAA eligibility requirements to participate | 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 required to attend scheduled competitions, pay participation fees, and maintain acceptable grades and citizenship in other classes. |
| 52370 | Speech & Debate II | 11,12 | year | *Eng 12 | \$85 pay to play fee | Eligibility requirements | 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. Student is required to attend scheduled competitions, pay participations fees, and maintain acceptable grades and citizenship in other classes. |

| 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 WSU Comm. 2110 3 cr. | 11, 12 | sem | *Eng 12 | WSU Book | WSU Credit 12 grade CE course address adult topics and issues within various assignments/disc ussions along with the required reading and appropriate film analysis for the specific course. All materials for such courses are on college level. | 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 th 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 WSU CHF 1500 3 cr. | 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. |
| 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) WSU CHF 2400 3 cr. | 11,12 | year | CTE/ GFL | | WSU Concurrent Credit 11,12 Limited enrollment | This course prepares student for adult life covering dating, mate selection, marriage adjustment, and parenting. Emphasis on savings, investments, and money management. Fast paced course with additional assignments for college credit. |
| 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. |

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|-------|--|------------|-----|-----|------|---|---|
| 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. Students must complete ECEC 43241 before enrolling. |
| 79220 | Work based learning Internship Early Childhood Educational Intern (Wee Weber or Elementary School) OWATC | 12 | sem | CTE | \$35 | Must have transportation Must complete Workplace skills packet | Off site child care experience at an elementary school or day care facility. Critical workplace skills packet must be completed before semester begins. Additional .25 credit will be awarded when CWS packet is completed. |
| 23900 | Introduction to Education Elementary WSU Intro Education 1010 3 credits | 11,12 | | | | WSU credit | Students will explore the exciting world of teaching, examine what it means to be a teacher and participate in field observations. This course is a prerequisite to elementary and secondary license programs in the department of teacher education at WSU. Class taught at high schools as a pure concurrent class. Students must register for Concurrent Enrollment WSU EDUC 1010-3 credit hours. Student must purchase their textbook and have a 3.0 GPA and attendance credit loss of 0.75 or less. |
| 23901 | Intro to Education (Secondary Emphasis) WSU Intro Education 1010 3 credits | 11, 12 | | | | WSU credit | Students will explore the exciting world of teaching, examine what it means to be a teacher and participate in field observations. This course is a prerequisite to elementary and secondary license programs in the department of teacher education at WSU. Class taught at high schools as a pure concurrent class. Students must register for Concurrent Enrollment WSU EDUC 1010-3 credit hours. Student must purchase their textbook and have a 3.0 GPA and attendance credit loss of 0.75 or less. |
| 25005 | Teaching as a Profession I | 10, 11, 12 | Sem | CTE | | K-12 Teaching as a profession | Are you considering becoming a teacher? Experience and participate as you learn about the role and characteristics of an effective educator. Learn about current teaching methods and instructional strategies. Explore assessments and when to use them. Discover how students learn and how to differentiate for special populations. Recognize ways to use educational technology in the classroom. |
| 25006 | Teaching as a Profession II | 10, 11, 12 | Sem | CTE | | K-12 Teaching as a profession | This course is a continuation of TAP-1. Get hands on experience of how an educator uses classroom management and strategies to help you be effective in a classroom. Explore instructional strategies used in today's classrooms. Explore higher order thinking and learn about differentiated instruction and how it affects students learning. Practice the art of planning by using state and national curriculums to create lesson plans and meet the needs of future students. |

| Course# | Course Name | Grade | Length | Credit | Fee | Comments | Course Description |
|---------|--------------------------------------|----------|--------|--------|------|---|--|
| 43231 | Fashion Design Merchandising (intro) | 10,11,12 | sem | CTE | | Course should be taken BEFORE FASHION DESIGN STUDIO. | 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 | | Course should be taken AFTER Fashion Design Merch. | 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 1 | 10,11,12 | sem | CTE | \$20 | May not repeat | Basic cooking of foods that teaches the fundamentals. Emphasis on the 6 nutrients, safety, sanitation, and cooking skills. |
| 43220 | Food & Nutrition 2 | 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 | Pro Start II | 11,12 | year | CTE | \$40 | Student will need food handlers permit | ProStart is an interactive culinary class that gives students hands on experiences. We work hand in hand with the Utah Restaurant Association to provide training and opportunities within the food industry. There will be cooking labs, field trips, and guest speakers that provides practical application for life outside of high school. With topics like pies, pastries, breads, breakfast foods, fruits and vegetables, students will use several different techniques to cook different types of cuisine. |
| 43311 | Foundation of Nutrition WSU NUTR 1020 3 cr. | 11,12 | sem | CTE | | 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 WSU IDT 1010 3 cr. | 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. |
| 43330 | Human Development WSU CHF1500 SS Credit | 11, 12 | year | CTE | Students must purchase college textbook | 100% Concurrent Enrollment | |

| Financial Literacy <i>.50 credit for graduation</i> | | | | | | | |
|--|---|----------|--------|--------------|-----|--|---|
| Course # | Course Name | Grade | Length | Credit | Fee | Comments | Course Description |
| 28379 | General Financial Literacy | 11,12 | sem | GFL | | 11, 12 grade enrollment only | 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 | | 11, 12 grade enrollment only WSU credit Limited enrollment | This course prepares student for adult life covering dating, mate selection, marriage adjustment, and parenting. Emphasis on savings, investments, and money management. Fast paced course with additional assignments for college credit. |
| Foreign Language <i>*Will satisfy 4th year English elective requirement.</i> | | | | | | | |
| 35230 | German I | 10,11,12 | year | Elective | | | Introductory German course with no previous experience with the language. Emphasis on everyday conversation and exposure to cultural perspectives. |
| 35231 | German II <i>WSU Germ 1010 (3 cr)</i> | 10,11,12 | year | Elective | | | A continuation of introductory German. Students will be expected to reach a communication level of novice-mid proficiency. |
| 35232 | German III <i>WSU Germ 1020 (3cr)</i> | 10,11,12 | year | Elective | | | This course will build upon students' German communication skills and increase their ability to discuss and write about various topics. |
| 35233 | German IV <i>WSU Germ 2010 (3cr)</i> | 10,11,12 | year | *English | | | This course will develop students' German communication skills, including the way they think and express ideas about their community and the world. Students are expected to communicate at a novice-high level of proficiency. |

| Course# | Course Name | Grade | Length | Credit | Fee | Comments | Course Description |
|---------|--|------------|--------|----------|-----|---|---|
| 35234 | German 5 | 11,12 | year | *English | | | This course is designed for students to acquire necessary skills to prepare for the AP German course. Students are expected to reach an intermediate-low level of proficiency. |
| 35235 | German AP | 12 | year | *English | | | This course will prepare students for the AP German Language and Culture exam at the end of the year. Students are expected to reach an intermediate-mid level of proficiency. |
| 35210 | Spanish I | 10,11,12 | year | Elective | | | Introductory Spanish course with no previous experience with the language. Emphasis on everyday conversation and exposure to cultural perspectives. |
| 35211 | Spanish II WSU Span 1010 (3cr) | 10,11,12 | year | Elective | | | A continuation of introductory Spanish. Students will be expected to reach a communication level of novice-mid proficiency. |
| 35212 | Spanish III WSU Span 1020 (3 cr) | 10,11,12 | year | Elective | | | This course will build upon students' Spanish communication skills and increase their ability to discuss and write about various topics. |
| 35213 | Spanish IV <i>WSU Span 2010 (3cr)</i> | 10,11,12 | year | *English | | | This course will develop students' Spanish communication skills, including the way they think and express ideas about their community and the world. Students are expected to communicate at a novice-high level of proficiency. |
| 35215 | Spanish AP | 12 | year | *English | | | Advanced communication skills are emphasized in reading, writing, listening, and speaking. Students can earn college credit if they pass the AP Span Lang exam. |
| 35101 | Spanish Pop Culture WSU Span 3116 (3cr) | 10, 11, 12 | Year | | | Must have passed the AP Spanish Language Exan with a score of 3 or higher | This course considers the role that current film, media, and entertainment play in the Spanish-speaking world. Students in this course will be exposed to the historical and cultural perspectives presented through these media. By the end of this course, students will be able to discuss familiar topics as well as some concrete social, academic, and professional topics. |

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|-------|--|------------|------|----------|--|--|--|
| 35300 | American Sign Language I | 10,11,12 | year | Elective | | | Introductory ASL course with no previous experience with the language. Course will develop conversational skills, awareness of deaf culture, and basic understanding of ASL grammar. |
| 35301 | American Sign Language II WSU ASL 1010 (3cr) | 11,12 | year | Elective | | | A continuation of introductory ASL. Students will be expected to reach a communication level of novice-mid proficiency. Conversation skills will increase in speed, fluency and complexity. |
| 35302 | American Sign Language III WSU ASL 1020 (3cr) | 12 | year | Elective | | | This course will build upon students' ASL communication skills and increase their receptive and expressive ability to discuss various topics. |
| 35260 | Chinese I | 10,11,12 | year | Elective | | | Introductory Mandarin Chinese course with no previous experience with the language. Emphasis on everyday conversation, building vocabulary and pronunciation, and exposure to cultural perspectives. |
| 35261 | Chinese II | 10,11,12 | year | Elective | | | A continuation of introductory Chinese. Students will be expected to reach a communication level of novice-mid proficiency. |
| 35262 | Chinese III | 10, 11, 12 | Year | Elective | | | This course will build upon students' Chinese communication skills and increase their ability to talk and write about various topics. |

| Health | | | | | | | |
|---|--|----------|-----------------------|--|---------------------------------------|---|---|
| <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. Class enrollment recommended for 10th graders. Must complete full year class to receive health credit. |
| 73320 | Health Education II | 10,11,12 | sem | Health | | | Student will study the physical, emotional, mental, community and social inter-relationships. Class enrollment recommended for 10th graders. |
| Health Science Technology | | | | | | | |
| <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. Class enrollment recommended for 10th graders. Must complete full year class to receive health credit. |
| 47380 | Medical Anatomy & Physiology (MAP) | 11,12 | year | CTE or Science OWATC credit | \$10 | Intro Health Science or Biology completion recommended | Course looks at anatomy and physiology with a medical emphasis. Successful completion of Intro to Health Science or Biology recommended before enrollment. |
| 47270 | Emergency Medical Response (EMR) WSU AT 2300 3 cr. | 11,12 | sem | CTE | \$10 Plus mask | WSU credit 11,12 | This course follows American Red Cross standards for professional rescuers. Students can earn CPR and emergency medical response certificates. Hands on skills class. |
| 47350 | Exercise Science/Sports Medicine WSU AT 2175 3 cr. | 11,12 | year | CTE | \$10 | Recommended completion of Intro to Health Sciercer MAP | Course studies sports medicine issues. Injury prevention, injury management, and performance enhancement are covered |
| 47360 | Medical Terminology WSU HTHS 1101 2 cr. | 11,12 | sem | CTE OWATC credit | WSU book | WSU credit 11,12 | Study of language of medicine (word roots, prefixes, suffixes) May earn 2 semester hours WSU credit. Intro Health Science or Biology completion recommended |
| 47315 | Certified Nurse Assistant | 11,12 | 2 periods 1 sem | CTE OWATC credit | \$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. Course completion required to apply for Nursing school. Hands on learning and daily labs. |

| Course# | Course Name | Grade | Length | Credit | Fee | Comments | Course Description |
|---------|---|-------|----------------|--|---|--|--|
| 47487 | Medical Forensics | 11,12 | year | CTE or 3 rd 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> | 12 | Year 2 periods | CTE/ 3 rd year Science Credit | \$250 book plus lab fee of \$10 | WSU credit Completion of MAP strongly recommended The \$250 includes the textbook, study guide, and lab manual | This full-year course earns college credit from Weber State University. 8 Concurrent Credits available through WSU (4 credits for Health Science 1110 1 st Semester & 4 credits for Health Science 1111 for 2 nd semester) Fulfills WSU Life Sciences Requirement Prerequisite Anatomy and Physiology for all Allied Health Professions. Class is taught one period every day. 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 |
| 47310 | Emergency Medical Technician (EMT) <i>EMT 1000 4 credits</i> <i>EMT 1001 2 Credits</i> | 12 | Sem 2 periods | CTE | WSU Book, Uniform , BP Kit and State Testing and application fees | Class at WIC. Must be 18 years old within 6 months of starting program. Successful completion of EMR class required | In the EMT-Basic program, you will learn basic life support, patient assessment and treatment modalities following the U.S. Department of Transportation and Utah State Department of Health standards for certification. Students who successfully complete the program are eligible to take the National Registry Paramedic Exam |

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 |
|---------|--------------------------------|-------|--------|---|---|--|
| 62501 | Secondary Math I Bridge Course | 10 | Year | Math to replace missing Math I credit/or elective | Enroll if you failed Math I and need to remediate | Course will focus on linear expressions, solving linear equations, and graphing linear functions. Will preview important Math 2 concepts like properties of exponents and factoring. |
| 62500 | Secondary Math II Expanded | 10 | Year | 1 Math 1 Elective | Enroll only if you have completed Math I | Course will focus on quadratic expressions, equations, functions, rational numbers and complex numbers, link probability, triangle trig, and circles with quadratic algebraic representations. Math will be on both A and B days. |
| 62130 | Secondary Math II | 10 | year | Math | Enroll only if you have completed Math I | 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 | Enroll only if you have completed Math I Honors | 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. |
| 62140 | Secondary Math III | 11 | Year | Math | Enroll only if you have completed Math I and Math II | 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 | Enroll only if you have completed Math I Honors and Math II Honors | 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 | Enroll only if you have completed Math I, II, III with a C average AND have an ACT score of 18. Teacher recommendation required. Textbook purchase required. Teacher recommendation highly suggested. | 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 st century. |
| 62568 | QR 1030 WSU <i>WSU 3 credits Quantitative Literacy</i> | 12 | sem | Math | Enroll only if you have completed Math I, II, III with a C average Textbook purchase required. Teacher recommendation highly suggested | 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. |
| 62563 | Algebra WSU 1050 <i>WSU Math 1050 4 cr.</i> | 12 | sem | Math | Textbook purchase and 3.0 GPA and a 23 on ACT WSU 4 credit hours Teacher recommendation highly suggested | Concurrent enrollment College Algebra through Weber State University. You must have successfully completed Math 3 and you must earn a 23 on the math portion of the ACT. Deadline for ACT score is the March ACT test. Students can earn 4 college credits with a grade of C or better. Text book purchase is required for this course. |

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|-------|--|----|-----|------|--|---|
| 62566 | Algebra 1060 USU USU Math 1060 2 cr. | 12 | sem | Math | Successful completion of Math1050 is required along with a 3.0 GPA and 23 on the Math ACT. Teacher recommendation highly suggested | Concurrent enrollment College Trigonometry through Utah State University. You must have successfully completed Math 3 and you must earn a 23 on the math portion of the ACT. Deadline for the ACT score is the March ACT test. It is recommended that you enroll AFTER successful completion of Math 1050. Students can earn 2 college credits with a grade of C or better. Textbook purchase required. |
|-------|--|----|-----|------|--|---|

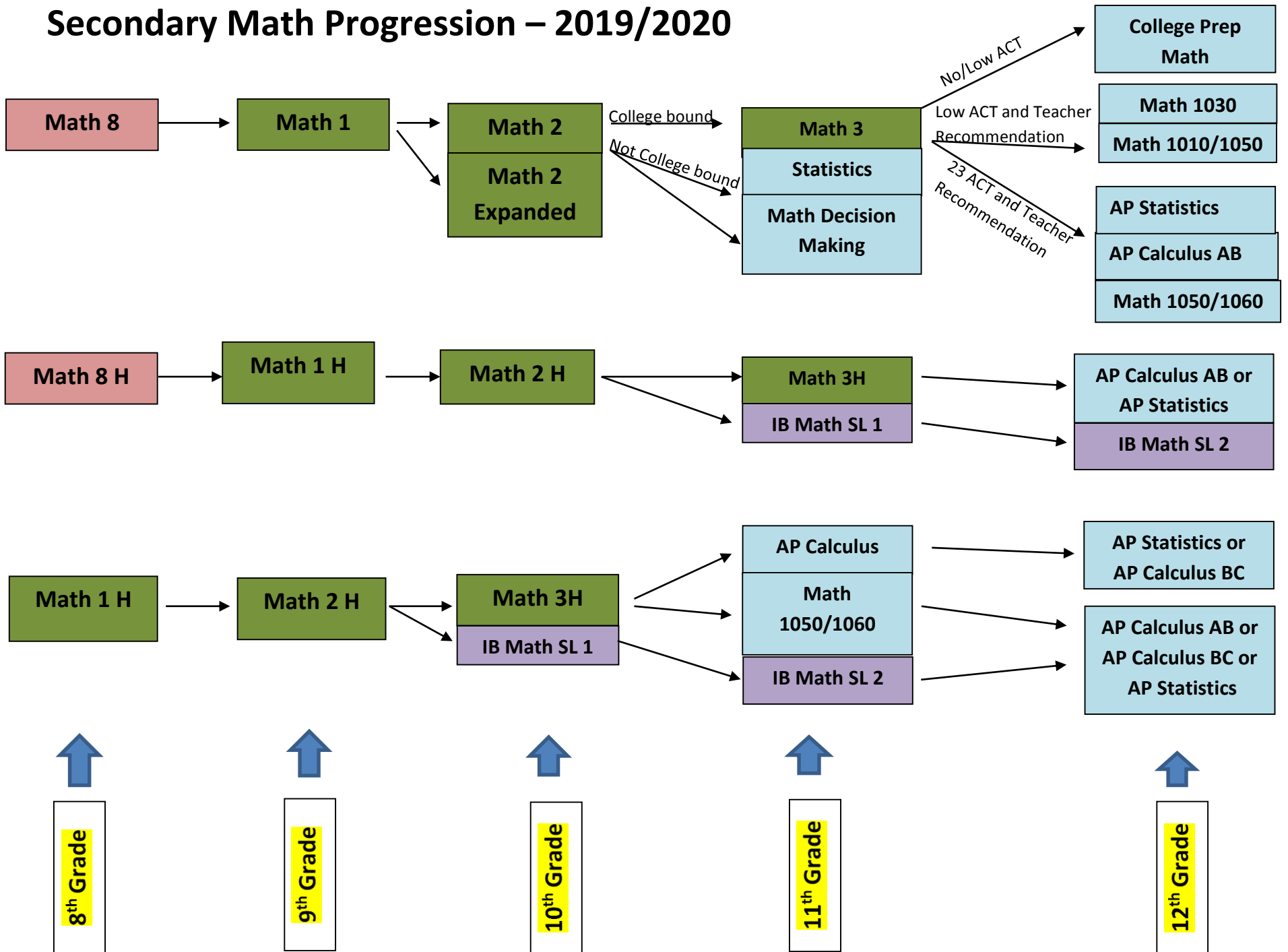
| Course# | Course Name | Grade | Length | Credit | Comments | Course Description |
|---------|---------------------------------------|-------|--------|--------|---|---|
| 62315 | College Prep Mathematics | 12 | year | Math | Enroll after completion of Math 1, Math 2, and Math 3 | This course formalizes and reinforces concepts from the Secondary Math series to provide student with the foundational skills and understanding prerequisite to College Algebra 1050 . 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. Students must complete Math I and Math II before enrolling in this course. |

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|-------|--|----------|------|------|--|--|
| 62507 | Statistics Graphing calculator recommended | 10,11,12 | year | Math | | Preparation for AP Statistics and/or college. Students must complete Math I and Math II before enrolling in this course. |
|-------|--|----------|------|------|--|--|

| Course# | Course Name | Grade | Length | Credit | Comments | Course Description |
|---------|--|-------|--------|----------|--|--|
| 62640 | AP Statistics Graphic calculator req. | 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 2H or Math 3H. | Beginning College Statistics. Enroll as sophomore if you have taken concurrent math Math 2H, or a junior, , if you have taken concurrent Math 3H. College Math credit may be awarded if AP test is passed at end of course. |
| 62620 | AP Calculus AB Graphic calculator req. | 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 Graphic Calculator required | 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. Math lab is required if student has not taken AP Calc AB. |
| 23915 | AP Calculus Math Lab | 11,12 | year | Elective | Limited enrollment *Required for 1st year BC students. | Course is for advanced math students enrolled in AP Calc AB or BC. |

| Course# | Course Name | Grade | Length | Credit | Comments | Course Description |
|----------------|-----------------------|---------------|---------------|---------------|---|--|
| 23915 | Advanced Math Lab | 10, 11, 12 | Year | Elective | Enroll in these courses if you are taking Math 2H or Math 3H | Math Lab is a course designed for students who need extra help or extra time on their math assignments. Students will work with a certified math teacher to complete assignments and improve skills. |
| 23917 | Intermediate Math Lab | 10, 11, 12 | Year | Elective | Enroll in these courses if you are taking Math 2, Math 3, Math 1010, Math 1030, or Math 1050. | Math Lab is a course designed for students who need extra help or extra time on their math assignments. Students will work with a certified math teacher to complete assignments and improve skills. |

Secondary Math Progression – 2019/2020



Note: If a student would like to add additional math rigor, they may sign up for AP Stats concurrently with Math 3H but not in place of

| 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 | Audition only | 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. This course will require out of school rehearsal time. |
| 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 |
|---------|---|------------|--------|----------|-----------------------|--|--|
| 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 Audition only | 11,12 | year | Fine Art | \$15 | Recommended completion of Theatre 1 and 2. Audition only | 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 | \$15 | Teacher signature required. After school hours required. | Student will learn all elements of Tech theater. Set construction, costume construction & design. Student will be required to work after school hours on the Fall musical, Spring play, and productions musical as stage crew. Limited enrollment. |
| 32254 | Musical Theatre Dance | 10, 11, 12 | Sem | Fine Art | \$15 | | Come and learn different genres of dance in the realm of musical theatre. Choreography built to teach character development, movement, strength, and stamina. This course is designed to improve confidence and ability while telling a story. Nor prerequisites required. |
| 32273 | Concert Band Non Auditioned | 10,11,12 | Year | 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. Purchase of Performance attire is required. Select instruments can be rented from school. |
| 32269 | Wind Ensemble AUDITION ONLY | 10,11,12 | Year | 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. Purchase of Performance attire is required. Select instruments can be rented from school. |

| Course# | Course Name | Grade | Length | Credit | Fee | Comments | Course Description |
|---------|--|----------|-----------------|----------|---|---|--|
| 32370 | Jazz Ensemble Teacher Signature Required | 10,11,12 | sem | Fine Art | \$15 plus attire cost | | Students will study the various styles of jazz music, and perform in concerts, festivals and school assemblies. Members of the Jazz Ensemble will also perform with the Concert Band in concerts and festivals. Members will also serve as PEP BAND for BASKETBALL GAMES |
| 32292 | Marching Band (Fall sem.) | 10,11,12 | sem 1 | Fine Art | \$85 plus Attire cost Team Pack fee of \$150 | | Band consists of wind, percussion, and Colorguard sections. Student will perform at ALL 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 (Spring Semester) | 10,11,12 | Sem Spring only | Fine Art | \$15 plus attire cost Instrument rental fees apply | | The study of all standard band and orchestra percussion instruments for serious student interested in performance. The student is expected to learn and perform solo & ensemble, concert and other school music activities such as Jazz Band, Pep Band, and Concert Band. CLASS FEE +PERFORMANCE ATTIRE AND MALLETT |
| 32283 | Music Appreciation WSU MUSC 1010-3credits | 10,11,12 | sem | Fine Art | | Concert Attendance Required, WSU credit | Concert attendance required, WSU concurrent enrollment credit possible, textbook purchase required. |

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|-------|---------------------|------------|----------|----------|-----------------------|------------------------|--|
| 32290 | Beg. Guitar | 10, 11, 12 | Semester | Fine Art | | | For students interested in learning the basics of guitar performance. Students will learn to read traditional music notation , be introduced to tablature notation, learn basic chords, and perform for peers in class. Classical music will be used in the course. Only students with little or no guitar experience. Acoustic guitar required. |
| 32291 | Intermediate Guitar | 10, 11, 12 | Semester | Fine Art | | | Continuation of Beg. Guitar, designed for the student with a basic knowledge and skill on the guitar. Acoustic guitar required. Successful completion of beginning guitar required. |
| 32620 | AP Music | 11,12 | year | Fine Art | AP TEST FEE | | This class is a college level music theory class and should be taken by students interested in pursuing music or developing their knowledge. Different theoretical aspects of music will be explored as well as music history, ear training and sight reading. Students may earn college credit by taking the National AP Exam. Basic note reading and general music knowledge is a must for this class. |
| 32274 | String Orchestra | 10,11,12 | year | Fine Art | \$15 plus Attire cost | | Opportunity to play some great music while improving instrumental technique and expressive skills. This group will perform at concerts and festivals. Students will work on solo/ensemble literature. Purchase of performance attire is required. Select instruments can be rented from the school. |
| 32296 | Chamber Orchestra | 10,11,12 | Year | Fine Art | \$15 plus attire cost | This is Audition Group | Members are selected by audition. Opportunity to study various music styles while improving advanced instrumental technique and expressive skills. This group will perform at concerts and festivals. Students will work on solo/ensemble literature. Purchase of performance attire is required. Select instruments can be rented from the school. |

| Physical Education | | <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 | | Strongly recommended for 10th grade. | 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. This course is required for graduation, no substitutions, including participation in athletics. |
| 73220 | ILA: Sports | 11,12 | sem | PE | | Must complete PE Fit 4 Life to enroll may repeat | This PE course is for those students who have successfully completed PE/Fitness for Life. 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. |

| Course# | Course Name | Grade | Length | Credit | Fee | Comments | Course Description |
|---------|---------------------------------|----------|--------|--------|------|--|---|
| 73235 | 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 | 11,12 | sem | PE | \$10 | may repeat | Course is designed for students not in competitive athletics . Emphasis on learning proper lifting techniques in a variety of movements. |
| 73238 | Conditioning II | 11,12 | sem | PE | \$10 | may repeat | Advanced course for students who have completed Conditioning I. |
| 73212 | PE: Aerobics | 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 1 Beginner Yoga | 11,12 | sem | PE | \$10 | may repeat | Good choice for beginners. Level 1 Hatha yoga is a slower paced flow class geared towards those new to yoga. Time is spent breaking down sun salutations A and B and other poses fundamental to Hatha yoga. There are approximately 200 poses with modifications that are introduced and practiced. Props and modification offered for proper alignment and ease into the postures. |
| 73240 | PE: Yoga 2 Intermediate Yoga | 11,12 | sem | PE | \$10 | Yoga experience recommended. may repeat | Recommended for students who have completed Yoga 1 or has at least 3 months of prior experience in Hatha or vinyasa practice. Yoga 2 or intermediate yoga classes explore complex movements and sequences which includes backbends, inverted postures, deeper hip opening, twists and forward folds. The teacher will encourage rest periods and offer modifications as needed to complete the intermediate class. |

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|--------|-----------------------------|------------|-----|----|------|--|--|
| 73235G | Girls Athletic Conditioning | 10, 11, 12 | Sem | PE | \$10 | | Condition like a girl, play like a girl and be fit like a girl. A conditioning class with workouts designed specifically for females who want to excel in athletics and/or stay fit. The objective in this class is increase strength, flexibility, endurance and improve muscle tone without hitting the weights. Focus and strive for a stronger body to improve confidence and the title GIRL POWER = begin strong is feminine regardless of what sport you play. |
|--------|-----------------------------|------------|-----|----|------|--|--|

| Science | | | | | | | |
|--|---|-------------------|--------|-------------|------|--|--|
| 3 credits required for graduation | | | | | | | |
| Course# | Course Name | Grade | Length | Credit | Fee | Comments | Course Description |
| 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 | Recommend Physics and Sec Math II prior | 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) USU PLT 1800 (3cr) | 1 (3cr)0,11,12 | 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 | Recommend complete Bio, Chem, or AP Chem prior | 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 enrollment of Sec Math II | Study of forces, matter, energy, heat, light, sound, electricity, magnetism. Hands on lab. |
| 72650 | Physics 1 AP | 11,12 | year | Science | \$10 | Recommend enrollment of Sec Math II or higher | 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 | Recommend enrollment of Sec Math II or higher | 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 | Must have taken or enrolled in calculus | Similar to Physics 1 & 2/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 | Recommend chemistry, biology, or any AP Science prior | 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 OWATC | 11,12 | year | CTE Science | \$10 | Biology completion recommended | Course looks at anatomy and physiology with a medical emphasis. Successful completion of Biology recommended before enrollment. |
| 84217 | Animal Science | 10,11,12 | year | CTE Science | \$10 | | 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 | FFA, is also a large component of this class. | 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. |

| Social Studies 3 Credits required for graduation – .5 Geography, 1 World History, 1 US History, .5 Gov't/Citizenship | | | | | | | |
|--|-----------------------------|----------|--------|---------------|------|-----------------|---|
| Course# | Course Name | Grade | Length | Credit | Fee | Comments | Course Description |
| 77210 | World History | 10,11,12 | year | Wld Civ | | | This class offers a broad view of World History. |
| 77515 | World History Honors | 10,11,12 | year | Wld Civ | | | Class offers broad view of World History. Prepares student for college level work. |
| 77310 | US History | 11,12 | year | US Hist | | | Covers US History from Reconstruction to the present. |
| 77525 | US History Honors | 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 US 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 Middle 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. This course should be taken after completion of US History. |
| 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. |
| 77665 | AP US Government/Politics | 11,12 | sem | Gov & Citizen | | | This course is designed to prepare students for the AP Government test. This course should be taken after completion of US History. |
| 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 | | | http://WHSVisualArt.yolasite.com | |
|------------------------------|---------------------|----------|------------------------------------|----------|---------------------------------|---|---|
| Course# | Course Name | Grade | Length | Credit | Fee | Comments | Course Description |
| 32210 | Art Foundattions HS | 10,11,12 | Sem | Fine Art | \$20 | | This course covers important drawing, painting, and printmaking techniques & skills. Basic history of art will parallel many projects |
| 32212 | 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. http://paintingclassatwhs.yolasite.com |
| 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 | Intermediate 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 | Intermediate course that builds on skills leaned 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 | Intermediate course 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. |
| 23250 | Yearbook | 10,11,12 | year | Fine Art | | Application required. 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. Application required , see Mr. Wilding, room 249, or email him dwilding@wsd.net |
| 32310 | Design and Visual Communications I (Visual Design) | 10,11,12 | sem | CTE Fine Arts | \$20 | recommend completion of Art I, | This is an introductory course to art and graphic design. Students will learn how to use Adobe Illustrator and Adobe Photoshop. Students will complete hands on design projects like logos, posters, illustrations, and advertisements. This class will help students in growing as an artist and a 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 | | Students will learn functions of digital cameras as well as the computer program Adobe Photoshop for picture touch-up and manipulation. It will cover concepts such as image capture, image editing, and image output. These concepts will enable students to be more knowledgeable and prepared to enter the field of commercial photography. Access to a digital camera is required. Mobile devices may be used to complete some, but not all of the projects. |
| 32249 | Advanced Commercial Photography <i>(Photo 2)</i> | 11,12 | sem | CTE Fine Arts | \$15 | Required completion of Basic Digital Photo | . Designed for those who want to further enhance their photographic knowledge and abilities. An application of the skills learned in Digital Photography with an emphasis on professional jobs and assignments used in commercial photography. Digital Camera required, DSLR recommended. |
| 32611 | Art History AP | 10,11,12 | 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. |
| 32100 | Survey Cinema | 10,11,12 | Sem | Fine Arts | \$15 | | Class explores art of film. Students will study and critique various styles of filmmaking and filmmakers. |

WEBER SCHOOL DISTRICT APPLIED TECHNOLOGY EDUCATION MAGNET PROGRAMS FOR 2019-2020

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 |
|--------|--|----------|------|-------------------------|----------|--|
| 43233 | 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 | Introduction to Education Elementary <i>WSU Intro Education 1010</i> 3 credits | 11,12 | | | WSU credit | Student will explore the exciting world of teaching, examine what it means to be a teacher and participate in field observations. This course is a prerequisite to elementary and secondary licensure programs in the department of teacher education at WSU. |
| 23901 | Intro to Education (Secondary Emphasis) <i>WSU Intro Education 1010</i> 3 credits | 11, 12 | | | WSU CREDIT | Class taught at high schools as a pure concurrent class. Students must register for Concurrent Enrollment WSU EDUC 1010- 3Credit Hours. Students must purchase their textbook and have a 3.0 GPA and attendance credit loss of 0.75 or less |

HEALTH SCIENCE MAGNETS

| Course | Course Title | Grade | Fee | Location | Comments | Course Description |
|---------|--|-------|--|--------------------------|---|--|
| 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. |
| Course# | Course Name | Grade | Fee | Credit | Comments | Course Description |
| 47310 | Emergency Medical Technician (EMT) EMT 1000 4 credits EMT 1001 2 Credits | 12 | WSU Book, Uniform BP kit, and state testing and application fees | CTE | Class at WIC. Must be 18 years old within 6 months of starting program. Successful completion of EMR class required | In the EMT-Basic program, you will learn basic life support, patient assessment and treatment modalities following the U.S. Department of Transportation and Utah State Department of Health standards for certification. Students who successfully complete the program are eligible to take the National Registry Paramedic Exam |

PROJECT LEAD THE WAY – ENGINEERING/ELECTRONICS/MANUFACTURING

| Course | Course Title | Grade | Fee | Location | Comments | Course Description |
|--------|---|----------|------|--------------------|---|---|
| 84220 | Intro to Engineering Design (PLTW IED) WSU DET 1010 3 cr. DET 1160 3 cr. | 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 WSU MFET 1150 1 credit WSU MET 1000 3 credits | 9- 12 | \$10 | WIC 2 per 1 sem | 3rd yr science credit or CTE credit 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 WSU CEET 1130 4 credits | 10,11,12 | \$10 | WIC | 2 periods 1 sem., 3rd yr science credit 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 WSU DET 2000 3 credits and WSU DET 1350 3 credits | 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 Name | Grade | Length | Credit | Fee | Comments | Course Description |
|---------|--|----------|------------------------------|---|-------------|--|--|
| 27301 | <i>Game Development fundamentals</i> | 10,11,12 | Sem | CTE | \$10 | WIC | WSU CS1010 (3cr) |
| 27300M | ICA Creative APPS | 10,11,12 | 2 periods SEM | CTE | \$10 | WIC | You will create multiple apps using the MIT app iInvento and Unity software. You will develop basic skills of app creation using a variety of programming languages. Scratch, MIT App Inventor, Python, HTML, CSS, PHP, SQL, C# WSU CS1030 (4cr) and 1010 (3cr) WSD course # 27300M |
| 27302M | ICA Applications | 11,12 | 2periods SEM | CTE | \$10 | WIC | You will learn how to develop more useful and complete apps through Android Studio by using Java and basic algorithms. These apps will apply object-oriented programming to apps as well as dynamic web pages. Java, HTML, CSS, and Javascript WSU CS1400 (4cr) and 2350 (4cr) |
| 27304M | Interactive Computer Arts Algorithms WSU CS 1410 4 cr. | 11,12 | 2 periods semester | CTE/ 3 rd 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. Prerequisites: 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 12th 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

INTERNATIONAL BACCALAUREATE

| Course # | Course Name | Grade | Length | Credit | Fee | Comments | Course Description |
|----------|--------------------------------------|-------|-----------------------------------|----------|-----|--|--|
| 25800 | IB Theory of Knowledge Year 1 | 11 | Year | Elective | | Only IB Diploma Program candidates may enroll in this course. | Year one of a two year required IB course, TOK is a discussion oriented class that ties all of the IB subject matter together with the underlying question “what is knowledge?” |
| 25801 | IB Theory of Knowledge Year 2 | 12 | Semester 1 st Sem Only | Elective | | Only Senior IB Diploma Program candidates may enroll in this course. | Year two of a two year required IB course, TOK is a discussion oriented class that ties all of the IB subject matter together with the underlying question “what is knowledge?” |
| 52800 | IB Language and Literature HL Year 1 | 11 | Year | English | | Only IB Diploma Program candidates may enroll in this course Successful completion of English 10 Honors is recommended. | Year one of a two year required IB course, IB Language and Literature HL introduces the critical study and interpretation of written and spoken texts from a wide range of literally and non-literary genres. The formal analysis of texts is supplemented by awareness that meaning is not fixed and can change. Successful Completion of this course, which includes essays, oral presentations and an IB examination at the end of the senior year, is necessary for acquiring the IB Diploma. Student may take the AP Language Test upon completion of course. |

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|-------|--------------------------------------|----|------|------------|--|--|---|
| 52801 | IB Language and Literature HL Year 2 | 12 | Year | English | | <p>Only IB Diploma Program candidates may enroll in this course</p> <p>Successful completion of the IB Lang and Lit HL year 1 is required.</p> | <p>Year two of a two year required IB course, IB Language and Literature HL introduces the critical study and interpretation of written and spoken texts from a wide range of literally and non-literary genres. The formal analysis of texts is supplemented by awareness that meaning is not fixed and can change. Successful completion of this course, which includes essays, oral presentations, and an IB examination at the end of the year, is necessary for acquiring the IB Diploma</p> <p>Student may take the AP Literature Test upon completion of course.</p> |
| 77800 | IB History of the Americas HL YR 1 | 11 | Year | US History | | <p>Only IB Diploma Program candidates may enroll in this course.</p> <p>Completion of US Government is recommended</p> | <p>Year one of a two year required IB History course, IB History of the Americas HL takes a unique approach to American history that includes key comparison with other countries in our hemisphere. Students will come to appreciate their own cultural heritage in the broad context of the experiences of the peoples of the region. Students develop analytical and research skills to discover the overall framework of history from an international perspective. Successful completion of this course, includes a historical investigation and an IB examination at the end of the senior year, is necessary for acquiring the IB Diploma</p> <p>Student may take the AP US History Test upon completion of this course.</p> |

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|-------|--|-------|------|---------------|--|---|---|
| 77801 | IB 20 th Century World History HL 2 | 12 | Year | World History | | <p>Only IB Diploma Program candidates may enroll in this course.</p> <p>Completion of IB History of the Americas HL 1 is required</p> | <p>IB 20th Century History is the 2nd year of the IB History HL course. During the second year, students will study one of the three prescribed IB topics and three of the six 20th Century Topics. Within that framework, students will study material related to the Regional Option for the Americas as it relates to topics in the history of the 20th Century. Successful completion of this course, includes a historical investigation and an IB examination at the end of the senior year, is necessary for acquiring the IB Diploma.</p> |
| 35800 | IB Spanish SL Yr 1 | 11,12 | Year | Elective | | <p>Only IB Diploma Program candidates may enroll in this course.</p> <p>Minimum requirement of successful completion of Spanish 2, and preferably Spanish 3</p> | <p>Year one of a two year required IB course, IB Spanish SL will develop a student's ability to communicate orally, through writing, and in response to a spoken language. Successful completion of this course, which includes both individual and interactive oral presentations, a written essay, and an IB examination at the end of the senior year, is necessary for acquiring the IB Diploma.</p> |

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|-------|---------------------------------|----|------|----------|--|--|---|
| 35802 | IB Spanish AB Inition Year 1 | 11 | Year | Elective | | <p>Only IB Diploma Program candidates may enroll in this course.</p> <p>No minimum requirements, but a minimum of Spanish 1 is recommended</p> | <p>Year 1 of a two year required foreign language course, Spanish ab initio (SL) is designed for students with little to no prior knowledge of the language. The language ab initio course is organized into three themes; individual and society, leisure and work, and urban and rural environment. Students are provided with opportunities to practice and explore the language as well as to develop intercultural understanding. Successful completion of this course, which includes both an individual oral presentation and an IB examination at the end of year 2, is necessary for acquiring the IB Diploma.</p> |
| 35803 | IB Spanish Ab Initio Year 2 | 12 | Year | Elective | | <p>Only Diploma Program candidates may enroll in this course.</p> <p>Successful completion of IB Spanish Ab Inito Year 1 is required.</p> | <p>Year 2 of a two year required foreign language course, Spanish ab initio (SL) is designed for students with little to no prior knowledge of the language. The language ab initio course is organized into three themes; individual and society, leisure and work, and urban and rural environment. Students are provided with opportunities to practice and explore the language as well as to develop intercultural understanding. Successful completion of this course, which includes both an individual oral presentation and an IB examination at the end of the year, is necessary for acquiring the IB Diploma.</p> |

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|-------|--------------------|-------------|------|----------|--|--|---|
| 35810 | IB German SL | 11 or 12 | Year | Elective | | <p>Only IB Diploma Program candidates may enroll in this course.</p> <p>Minimum requirement of successful completion of German 5 is required. This class will be co-seated with AP German.</p> | <p>IB German SL will develop a student's ability to communicate orally, through writing, and in response to a spoken language. Successful completion of this course, which includes both individual and interactive oral presentations, and an IB examination at the end of the year, is necessary for acquiring the IB Diploma.</p> |
| 72800 | IB Biology HL Yr 1 | 11 | Year | Science | | <p>Only IB Diploma Program candidates may enroll in this course</p> <p>Successful completion of Chemistry Honors or Physics is recommended.</p> | <p>Year one of a two year required IB course, IB Biology HL provides students with the tools necessary to effectively communicate and present scientific data and phenomena. This HL course will explore all the SL topics with more depth and detail, and it will include additional topics as selected by the teacher. Successful completion of this course, which includes labs, a group project, and an IB examination at the end of the senior year, is necessary for acquiring IB Diploma.</p> <p>Student may take the AP Biology Test upon completion of the 2 year course</p> |

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|-------|--------------------|----|------|---------|--------------|---|---|
| 72801 | IB Biology HL Yr 2 | 12 | Year | Science | \$10 Lab fee | <p>Only IB Diploma Program candidates may enroll in this course</p> <p>Successful completion of IB Biology HL 1 is required.</p> | <p>Year two of a two year required IB course, IB Biology HL provides students with the tools necessary to effectively communicate and present scientific data and phenomena. This HL course will explore all the SL topics with more depth and detail, and it will include additional topics as selected by the teacher. Successful completion of this course, which includes labs, a group project, and an IB examination at the end of the year, is necessary for acquiring IB Diploma.</p> <p>Student may take the AP Biology Test upon completion of this course.</p> |
| 72802 | IB Biology SL Yr 1 | 11 | Year | Science | | <p>Only IB Diploma Program candidates may enroll in this course.</p> <p>Successful completion of Chemistry or Physics is recommended.</p> | <p>Year one of a two year required IB course, IB Biology SL provided students with the tools necessary to effectively communicate and present scientific data and phenomena. Successful completion of this course, which includes labs, a group project, and an IB examination at the end of the senior year, is necessary for acquiring the IB Diploma.</p> |
| 72803 | IB Biology SL Yr 2 | 12 | Year | Science | \$10 Lab fee | <p>Only IB Diploma Program candidates may enroll in this course</p> <p>Successful completion of IB Biology SL 1 is required.</p> | <p>Year two of a two year required IB course, IB Biology SL provides students with the tools necessary to effectively communicate and present scientific data and phenomena. Successful completion of this course, which includes labs, a group project, and an IB examination at the end of the year, is necessary for acquiring the IB Diploma.</p> |

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|-------|------------------------|----|------|---------|--------------|--|--|
| 72804 | IB Chemistry HL Yr1 | 11 | Year | Science | | <p>Only IB Diploma Program candidates may enroll in this course.</p> <p>Successful completion of Chemistry and/or AP Biology is recommended.</p> | <p>Year one of a two year required IB course, IB Chemistry HL will provide students with higher order investigative experiences and activities to promote a deeper understanding of critical concepts in Chemistry. It will also help the student to develop the ability to analyze scientific literature critically and to develop manipulative and experimental skills necessary to perform college level scientific investigations. Successful completion of this course, which includes labs, a group project, and an IB examination at the end of the senior year, is necessary for acquiring the IB Diploma.</p> <p>Student may take the AP Chemistry Test upon completion of year 1 of this course.</p> |
| 72805 | IB Chemistry HL Year 2 | 12 | Year | Science | \$10 Lab fee | <p>Only IB Diploma Program candidates may enroll in this course.</p> <p>Successful completion of IB Chemistry HL Year 1 is required.</p> | <p>Year two of a two year required IB course, IB Chemistry HL will provide students with higher order investigative experiences and activities to promote a deeper understanding of critical concepts in Chemistry. It will also help the student to develop the ability to analyze scientific literature critically and to develop manipulative and experimental skills necessary to perform college level scientific investigations. Successful completion of this course, which includes labs, a group project, and an IB examination at the end of the year, is necessary for acquiring the IB Diploma.</p> |

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|-------|-----------------------|----------|------|----------|--|--|---|
| 62801 | IB Mathematics SL 2 | 11 or 12 | Year | Math | | <p>Only IB Diploma Program candidates may enroll in this course.</p> <p>Successful completion of IB Math 3 SL is required.</p> | <p>Year two of a two year required IB course, this course is focused on the development of students understanding of advanced mathematics, providing experience with its methods and applications, and supplying a rigorous foundation for future advanced mathematics courses. Course topics will build on prior topics and will include probability, statistics, vectors, and calculus. Successful completion of this course, which includes an IB examination at the end of the year, is necessary for acquiring the IB Diploma.</p> |
| 32800 | IB Visual Arts HL Yr1 | 11 | Year | Fine Art | | <p>Only IB Diploma Program candidates may enroll in this course.</p> <p>Successful completion of Art 1 is recommended.</p> | <p>Year one of a two year required IB course, IB Visual Arts HL will allow students the opportunity to take advanced level art. IB Visual Art HL allows students to investigate as well as explore and document a variety of artistic solutions to visual challenges in various media. The aim of Visual Arts HL is to enable students to develop technical abilities, explore and value the diversity of the arts across time, place and cultures, and demonstrate proficiency in a variety of media while pursuing there area of artistic interest. Successful completion of this two year course, which includes a portfolio, comparative study and an exhibition is necessary for acquiring the IB Diploma.</p> |

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|-------|-----------------------------|-------------|------|----------|--|--|---|
| 32801 | IB Visual Arts SL/HL Yr2 | 12 | Year | Fine Art | | <p>Only IB Diploma Program candidates may enroll in this course.</p> <p>Successful IB Visual Arts Year 1 is required.</p> | <p>Year two of a two year required IB course, IB Visual Arts will allow students the opportunity to take advanced level art. IB Visual Arts allows students to investigate as well as explore and document a variety of artistic solutions to visual challenges in various media. The aim of Visual Arts is to enable students to develop technical abilities, explore and value the diversity of the arts across time, place and cultures, and demonstrate proficiency in a variety of media while pursuing there area of artistic interest. Successful completion of this two year course, which includes a portfolio, comparative study and an exhibition is necessary for acquiring the IB Diploma.</p> <p>*Both the HL and SL course will be co-seated. The HL course students turn in more pieces of work in their portfolio than SL course students.</p> |
| 32802 | IB Theatre SL | 11 or 12 | Year | Fine Art | | <p>Only IB Diploma Program candidates may enroll in this course.</p> <p>Successful completion of Theatre 1 and Theatre 2 is required</p> | <p>IB Theatre Arts SL is a one year IB course that builds upon the material introduced and developed in non IB Theatre 1 and 2. Course of study consists of advanced, more individualized work with in-depth research, analysis, application, and production emphasis. Specific technical preparation in script writing and editing, acting, design and production, and directing will be explored through research, comparison and contrast analysis, and critique. Students will also study theatre history and analyze world theatre traditions. Successful completion of this course, which includes a portfolio, collaborative project, and research presentation is necessary for acquiring the IB Diploma.</p> |