



## Curriculum Guide



STEM

Business/Leadership

Health/Medical

Construction



# Be Future Ready

## Using the Academic Planning Guide

Prior to selecting courses, students should refer to this guide and become familiar with course options and learning opportunities at the high school. When choosing courses, students should refer to their current transcript to ensure that selections are appropriate to meet graduation requirements and post-graduation such as college entrance requirements. Pay attention to the following information:

- Graduation requirement(s) the course fulfills
- Grade levels allowed to take the course
- Length and credits of the course
- Prerequisites for the course
- Specific information unique to the course such as transportation required, supplies, fees, or the possibility of earning college credit

Students are encouraged to see their counselor if they have specific questions about course selections or their graduation plan. Parents should work with their students during the forecasting process.

### **Graduation Requirements**

The State of Oregon is now requiring that students not only receive the required amount of credits to earn their High School Diploma, but also demonstrate the ability to pass Essential Skill Assessments and complete Career Related Learning Experiences.

### **Essential Skills**

Essential Skills are required are in the areas of Reading, Writing, and Math. Students will demonstrate proficiency in these areas through passing cut scores on approved assessment options or through work samples in the classroom.

### **Graduation Activities**

A student who successfully completes all required Essential Skills and credit requirements of the State of Oregon, the Bend-La Pine School District Board of Education, Bend Technical Academy at Marshall High School, and who is in good standing may participate in graduation activities.

# Diploma Options

Students at Bend Tech Academy may receive one of the following:

## Standard Diploma

Curriculum Area	Required Credits
English/Language Arts	4.0
Mathematics 1.0 credit at Algebra 1 level. 2.0 credits at a level higher than Algebra 1	3.0
Science (2.0 credits in lab sciences)	3.0
Social Science in the following areas: Geography History Government	3.0
Health	1.0
Physical Education	1.0
Second Language/Arts/Career & Technical	3.0
Electives	6.0
**Essential Skills Required	See page 2
<b>TOTAL</b>	<b>24.0</b>

## Modified Diploma

Curriculum Area	Required Credits
Elective	12.0
English/Language Arts	3.0
Health	1.0
Mathematics	2.0
Physical Education	1.0
Science	2.0
Second Lang/Arts/CT	1.0
Social Science	2.0
**Essential Skills Required	See page 2
<b>TOTAL</b>	<b>24.0</b>

## Academic Diploma

Curriculum Area	Required Credits
English/Language Arts	4.0
Mathematics: 1.0 credit at Algebra 1 level. 3.0 credits at a level higher than Algebra 1	4.0
Science	4.0
Social Science in the following areas: Geography Government History	3.0
Health	1.0
Physical Education	1.0
Second Language	2.0
Arts/Career & Technical	2.0
Electives	5.0
**Essential Skills Required	See page 2
<b>TOTAL</b>	<b>26.0</b>

**It is important to Plan Ahead**

Bend-La Pine Schools are committed to preparing all students for the intense and competitive academic setting of college. Entrance requirements vary greatly among colleges and universities. Please contact individual colleges or universities for their specific entrance requirements.

Students who have the potential of participating in athletics in college need to pay special attention to the NCAA ([www.eligibilitycenter.org](http://www.eligibilitycenter.org)) and NAIA ([www.playnaia.org](http://www.playnaia.org)) requirements section under Athletic Planning and Policies.

**Early Graduation**

Students who plan to complete their program in less than four years must have a written agreement through their counselors. At the time of early graduation, the student is withdrawn from school per state requirements. They may return to participate in graduation activities if they have made prior arrangements to do so. It is the responsibility of the student to access school information regarding graduation exercises and requirements.

Students who complete their program early will not be in consideration for Valedictorian or Salutatorian.

**Transferring College Credit**

Students who take college courses at Central Oregon Community College (COCC) may have those courses and credits placed on their high school transcript. However, prior planning with the high school counselor is critical. College credits being used to meet Bend-La Pine School District diploma requirements may require administrative approval.

Expanded Options – Contact your student's counselor for more information.

Oregon Promise – Contact your student's counselor for more information.

G.E.D. Testing – Contact your student's counselor for more information.

**Weighted Courses**

All courses which, in their course titles, are designated AP (Advanced Placement) or dual-credit CN (College Now) in core subject areas (Language Arts, Mathematics, Social Science, Science, and Second Language) will be weighted on a 5.0 system (A=5.0, B=4.0, C=3.0, D=2.0, F=0). Honors courses will be weighted on a 4.0 system, as will all other coursework.

**Valedictorian and Salutatorian Requirements**

The valedictorian and salutatorian will be selected according to the following procedures:

- The valedictorian will be the student with the highest weighted grade point average (GPA) rounded to the nearest thousandth as computed at the end of the third trimester of the senior year.
- The salutatorian will be the student with the second highest weighted GPA rounded to the nearest thousandth as computed at the end of the third trimester of the senior year.
- In case of a tie for valedictorian, co-valedictorians will be honored.
- In case of a tie for salutatorian, co-salutatorians will be honored.
- Foreign exchange students will not be considered in computing class rank and, therefore, will not be eligible for these two academic honors.
- Students must be continuously enrolled at BTA prior to and continuously following the tenth school day of the student's senior year.

**CTE Cord**

Students who have completed the requirements below are eligible to receive and wear a CTE cord at the graduation ceremony.

- GPA of 2.5 or greater
- Completion of 3.0 or more CTE credits in a specific academy.
- Completion of a mentorship in good standing through the STC office.

**Counseling and Guidance**

The counseling and guidance program is a system-wide effort that supports each student's academic and personal success. Our program is based on national school counselor standards and the Oregon Department of Education's framework for school counseling.

Components of the program include:

- Guidance Curriculum (i.e. classroom-based instruction regarding career exploration resources)
- Individual Planning (i.e. guidance on course selection and college entrance procedures)
- Responsive Services (i.e. assisting students with personal concerns or crisis intervention)
- System Support and Integration (i.e. assisting with master schedule development)
- Student Advocacy (i.e. facilitating effective communication between teachers, parents and students)

The efforts of the counseling and guidance program support students in their:

- Academic Development (Learning to Learn)
- Career Development (Learning to Work)
- Personal and Social Development (Learning to Live)
- Community Member Development (Learning to Contribute)

**School Counselor:** Jamie Gunter, NCC

**College and Career Center Opportunities**

Students and parents are encouraged to access the Career Center on campus or online for information about the following:

- College visit dates and times
- College Fair information
- Financial Aid and Scholarship Opportunities and deadlines
- Job Readiness Opportunities
- Technical/Vocational Training
- Employment
- Chat with a professional
- Internships and job shadows
- Mentoring through the ASPIRE Program
- School-to-Career Credits

Throughout the year, open houses will be held in the Future Center. The open houses may include college representatives, scholarship donors and employers.

There are a variety of career related options that juniors and seniors may explore through partnerships established with business and industry. Since off-campus opportunities are driven by business/industry availability, most options do not follow traditional school time lines but are open entry/open exit experiences. See the School-to-Career course section in this catalog for more career related opportunities.

### **Expanded Options**

Expanded Options is a joint offering between Bend-La Pine Schools and Central Oregon Community College (COCC). This program allows you to take 100-level or higher college courses onsite (or online) through COCC on a seat-available basis. That means you can begin earning college credits while you are still a student at Bend Tech Academy and apply your Expanded Options college coursework to your high school graduation requirements at no out-of-pocket cost. To participate in Expanded Options, you must:

1. Be enrolled in a Bend-La Pine Schools high school with junior or senior standing and be at least 16 years old at the time of enrollment or during the program;
2. Have an educational learning plan based on post-secondary and career goals;
3. Have neither successfully completed four years of high school nor received a high school diploma;
4. Not be a foreign exchange student; and
5. Apply to COCC and meet all prerequisites associated with the college-level course in which you want to enroll.

If you meet the above criteria and would like to participate in Expanded Options, you must complete the following steps:

1. Meet with your high school counselor and complete the Expanded Options Intent form. (You must notify the school district of your intent to participate in Expanded Options, and at what level you intend to participate, in order to enroll in the program for the upcoming school year.)
2. Submit your completed Expanded Options Authorization form and an application for admission to COCC. After you apply, you will receive an email from COCC with instructions to activate your student account.
3. Take the placement test at COCC. Find practice assessments and more at COCC's Expanded Options information page.
4. Register for your COCC class(es) on your assigned registration date and time. You will do this for each quarter during which you plan to take Expanded Options courses.

### **Athletics / Activities Planning**

To be eligible to participate in an OSAA co-curricular activity, students must be enrolled in and passing four full classes to be eligible. This includes the trimester that the student is participating and also the trimester prior to the activity or season. Students must also have a 2.0 GPA and be on track to graduate.

In order to participate in practice or a contest, the participant must be in attendance all day of such practice or contest. Any exceptions to this must be cleared through the administration.

### **NCAA/NAIA Requirements**

Families and students are responsible for knowing the NCAA and/or NAIA requirements and deadline. Students who have the potential of participating in athletics at the NCAA or NAIA level need to log on to the appropriate website to find out what the academic eligibility requirements are to be certified by the NCAA or NAIA. If students choose courses that do not meet the requirements, they could be risking eligibility. Additional information can be found on the NCAA website at [www.elibilitycenter.org](http://www.elibilitycenter.org) and the NAIA website at [www.playnaia.org](http://www.playnaia.org).

### **Schedule Changes and Course Drops**

Students are expected to attend and complete all scheduled courses. Every effort is made to enroll students in their first choice of elective courses, using alternates when necessary. Course offerings are based on student forecasting/scheduling requests. Some courses may not be offered due to low student enrollment or other circumstances. It is important students carefully select elective courses.

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## Academic Policies and Information

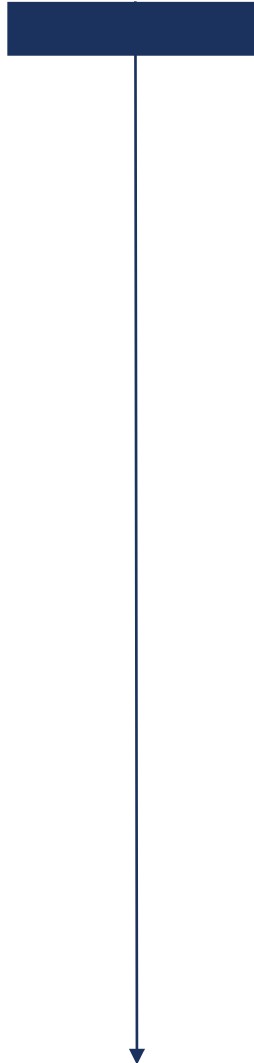
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Schedules will be available to students prior to the beginning of the term. Any necessary changes should be requested prior to the start of the term. Once the trimester has begun, no schedule changes will be made during the first three days of the new term. Schedule changes will be considered when the student has not met the prerequisites required, if the student has signed up for the wrong ability level of a course, to fill an open period, or reassessment based on grades.

Per school board policy, if a student withdraws from a course after the first ten (10) class sessions, the student will receive an "F". This grade will remain on the transcript and will be factored in the student's GPA. No incompletes will be given as final grades.

### **Open Periods – Late Arrival or Early Releases**

Students should be enrolled in five classes each term. The only exceptions are for seniors who are on track to graduate and have received counselor approval and parental written permission. During first and fifth period only, students may have an Open Period (Late Arrival or an Early Release) if they are completing work experience credits or have courses in other district buildings. Students must be off campus during their open period(s). Any exceptions must be approved by an administrator.



# CREDIT REQUIREMENTS

**Total Credits Required for a Standard Diploma = 24\***  
**Total Credits Required for an Academic Diploma = 26\***

**Below are worksheets for students seeking a Standard Diploma.**

**For anyone seeking an Academic Diploma, including all students planning to go to a university,** we recommend adding the following to the requirements below: one additional math credit, one additional science credit and as many college prep electives as possible. An Academic Diploma is **not** required for college entrance but earning this diploma can better prepare students for college courses and may help with college acceptance.

## FRESHMEN

COURSE	CREDIT
English	1.0
Science	1.0
Mathematics	1.0
Social Studies	1.0
PE	.5
Health 1	.5
Art / Career Tech	1.0
Electives	1.5
<b>9<sup>th</sup> Grade Total Credits</b>	<b>7.5</b>

## SOPHOMORE

COURSE	CREDIT
English	1.0
Science	1.0
Mathematics	1.0
Social Studies	1.0
PE	.5
Health 2	.5
Art / Career Tech	1.0
Electives	1.5
<b>10<sup>th</sup> Grade Total Credits</b>	<b>7.5</b>

## JUNIOR

COURSE	CREDIT
English	1.0
Science	1.0
Mathematics	1.0
Social Studies	1.0
Art / Career Tech	1.0
Electives	2.5
<b>11<sup>th</sup> Grade Total Credits</b>	<b>7.5</b>

## SENIOR

COURSE	CREDIT
English	1.0
Government	0.5
*Elective Classes – Enough to reach graduation requirements.	
<b>12<sup>th</sup> Grade Total Credits</b>	

# STUDENT SUPPORT PROGRAMS



ASPIRE is the state of Oregon's college and career mentoring program to help students access education and training beyond high school. The program matches trained and supportive adult volunteers with our high school students to develop a plan to help them meet their future career and education goals.

- FAFSA
- Promise Grant
- Apply to college
- Scholarships

<https://oregonstudentaid.gov/aspire>



Oregon Gear UP's goal is to increase the number of first-generation students who are prepared to enter and succeed in postsecondary programs.

- Two-year college
- Four-year university
- Certificate programs
- Trade school
- Military
- Career Plan & Profile

[www.oregongearup.org](http://www.oregongearup.org)



School to Career (STC) integrates academic education and career readiness skills training, seek to improve the transitions of young people from school to work. Earn high school credit while you work or volunteer.

## **Opportunities**

- Paid job
- Volunteer/non-paid work
- Internships
- Job shadows



*Project Lead The Way* helps students become the problem solvers of tomorrow. Classroom studies are focused on:

- Biomedical Science • Engineering • Environmental Sustainability

Hands-on activities will engage the students to work together on real world problems like designing prosthetics, creating an online art portal and deploying water filtration devices. The skills learned in these classes are relevant to any career or role they will take on in life.

<https://www.pltw.org/>



Paxton/Patterson provides learning systems engage students with problem-based, real-world technology. They empower students to discover their interests and aptitudes, along the pathway to postsecondary success. At the Bend Tech Academy, Paxton Patterson unique programs will concentrate on STEM Education, Health Science Construction.

# CAREER & TECHNICAL EDUCATION



Career academies are designed to prepare students for both college and careers. They are schools within schools that link students with peers, teachers, and community partners in a structured environment that fosters academic success. The career academy concept has three key elements:

- A small learning community
- A college-prep sequential curriculum with a career theme
- A collection of key community and industry partners that forge partnerships with employers, higher education institutions, and the workforce

Teams of teachers work across several academic and technical subjects, grouping students in cohorts for these classes and follow a program of study. Our career and counseling department help identify a sequential set of experiential components that show students the applications of academic subjects to the career and college field and deliver work-based learning experiences (e.g., shadowing, community service, mentoring, internships, and apprenticeships).

## **Academy options at Bend Technical Academy (BTA) at Marshall High School:**

- STEM / Engineering
- Construction Technology
- Medical / Health
- Business Leadership

Students will select an academy upon registration to BTA; however, students may switch academies at any time throughout the year.

# ACADEMY CLASSES

## STEM / ENGINEERING ACADEMY

The STEM / Engineering Academy focuses on building 21<sup>st</sup> Century skills including: problem solving, teamwork, initiative, self-direction, and career development. We empower students to discover their interests and aptitudes, along the pathway to post-secondary success. Students will learn technical skills in the areas of robotics and automation, electricity and alternative energy, as well as introduction to computers and 3D modeling.



Students that complete 3 credits (6 courses) within the STEM/Engineering Academy at BTA, will receive the STEM/Engineering CTE Certificate of Achievement.

STEM/Engineering Courses – BTA credits	Grade	Certifications /College Credits
Design lab - .5 credit	9 <sup>th</sup>	
Robotics - .5 credit	9 <sup>th</sup>	
Drones - .5 credit	10 <sup>th</sup>	• Remote Pilot Certificate
Electronics - .5 credit	10 <sup>th</sup>	• Limited Renewable Energy Technician
Intro to Engineering Design - 1 credit	11 <sup>th</sup>	
Advanced Design Lab - .5 credit	10 <sup>th</sup> – 12 <sup>th</sup>	• MET 241
Alternative Energy - 1 credit Two trimester (potential dual credit)	10 <sup>th</sup> – 12 <sup>th</sup>	• Limited Renewable Energy Technician
Advanced Robotics/UAV Systems - .5 credit	11 <sup>th</sup> – 12 <sup>th</sup>	
GPS/Tech Cartography - .5 credit	11 <sup>th</sup> – 12 <sup>th</sup>	• GIS 234
Aviation Systems - .5 credit	11 <sup>th</sup> – 12 <sup>th</sup>	
STEM Engineering Independent Study - .5cr	11 <sup>th</sup> – 12 <sup>th</sup>	

### **Intro to Design Lab**

Section 1A AA354SFA1T

Section 1B AA354SFA2T

Grade: 10-12

Credit: .5 per course Fine Art

**\*This foundational class is for ALL first-year students in the STEM / Engineering Academy.**

Designing products for consumers is an exciting field with today's latest technology. Using 3D printers, designers can quickly work through the design process and bring detailed objects to reality. Every man made object you can think of from ranging from a fork, to a wireless speaker, to other various household items, had to be designed and manufactured. There are many career opportunities in this growing field. Students follow the design process to complete different projects. Students will brainstorm conceptual designs, sketch technical drawings, build prototypes, use computer assisted design software and then 3D print or laser engrave their project.

### **Advanced Design Lab**

AA355SFA9T

Grades: 10-12

Credit: .5 Fine Art

This course will continue to enrich students' knowledge in design and applied engineering as they model, fabricate, test, discuss and iterate upon mechanical 3D objects they design throughout the course. Students will move beyond the basics of design and start to create more complex projects using more complex tools. Your imagination is the only limit.

This course is an excellent option for anyone who ever wanted to prototype an invention, create a work of art, customize a product or just make something cool... and yet lacked the skills or a fully equipped workshop.

### **Intro to Engineering Design**

AA304SFA9T

*This is a Project Lead the Way Course.*

Grade: 9-12

Credit: .5 Fine Art

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3-D modeling software, and use an engineering notebook to document their work.

### **Drones.**

SC523SFA9T

Grade: 9-12

Credit: .5 Fine Art

Drones is a STEM project-based course designed to educate students about drone technology, drone assembly and maintenance, flight theory and applications of drone technology. The goal of this class is to prepare students for careers in the rapidly growing drone industry.

Drones is one of the fastest growing occupational fields on the "map." Farmers use drones to help calculate where to most effectively place fertilizer or pesticide. Roofers use drones to inspect roofs without having to climb up themselves. Amazon has already started using drones to deliver products in test markets. Students will have the opportunity to learn the basics of becoming a pilot as well as earn a Remote Pilot's Certificate.

### **Robotics**

SC521SSC9T

Grade: 9-12

Credit: .5 Science

This class is designed to teach the basics of robotics, including design, building, programming, and testing. Students will use VEX5 robots that include a processor, motors, sensors, and building parts to create robots that can complete specific tasks.

Robots are becoming an ever more important part of our modern world, they build our cars, clean our floors, and even help surgeons operate. Robotics is a fast-growing area with many job opportunities including design, manufacturing, installation, management, and maintenance. Students will use the Engineering Design Process to design, build, program, and test robots to complete specific tasks.

### **Advanced Robotics**

Section 1A SC524SSC1T

Section 1B SC524SSC2T

Grade: 10-12

Credit: .5 per course Science

Advanced Robotics will build on what students learned in basic robotics. Students will use VEX Robots to teach students about engineering and engineering problem solving. They will be given introductions to the VEX V5 Robotics Design System and while learning key STEM principles. In small groups, students will also learn how to create line code.

**3D Art 1: Modeling**

FA431SFA9T

Grade: 9-12

Credit: .5

Fine Art

Learn the science behind origami and how it is being used in revolutionary ways: architecture and civil Engineering, medicine, mechanical engineering, mathematics, and space technology. One example is satellites that unfold when they reach space saving precious room on rockets. We will look at the history, the science, and modern applications of origami.

**Solar and Alternative Energies**

Section 1A

AA341SFA1T

Section 2B

AA341SFA2T

Grade: 10-12

Credit: .5 course

Fine Art

Alternative energy is the "wave" of the future. Solar voltaic energy had the most growth of any energy source last year while wind power is also growing at a rapid rate. There are many jobs in alternative energy ranging from designing new products, manufacturing, installation, and repair. Students will learn the theory behind solar voltaic, experiment to find ways to make the solarpanels work at peak capacity, work with wind turbines, and design miniature hydrogen fuel cells.

**GPS/Tech Cartography**

AA331SFA9T

Grade: 10-12

Credit: .5

CTE/Fine Art

Geospatial Technology courses provide students with experiences pertaining to the study of geographic information systems (GIS), global positioning systems (GPS), remote sensing (RS), digital image processing simulator (DIPS), Geodesy, automated cartography (Auto-Carto), land surveying (LS), and navigation.

These topics may use spatial analysis models and guidelines for integrating, interpreting, analyzing, and synthesizing geographic data, with a focus on both the implications and limitations of such technologies. Other topics may include interfacing with telecommunications and automated database management systems.

**Electronics**

SC520SSC9T

Grade: 9-12

Credit: .5

Science

Learn about electricity as it applies to our daily lives. This class is a combination of written problem solving and hands-on application of techniques and skill involved in residential electrical and basic solar electrical. Use of hand tools require parent permission.

**Future Technology**

AA340SFA9T

Grade: 9-10

Credit: .5

CTE/Fine Art

This class will introduce you to the future today. We will look at the latest advances in drones, robots, aircraft, electronics, and more. Students will delve deeply into inventions and the science behind them. Students will research, discuss, and write about the latest advances in technology. If you are interested in the most recent and advanced technology, this class is for you.

Not all classes are offered every year/term.  
Offerings subject to change.

# CONSTRUCTION TECHNOLOGY ACADEMY

The Construction Technology Academy will teach students the technical skills necessary to be employed within this diverse industry. Skills such as blueprint reading, power tools, wall framing, electrical, plumbing, finish carpentry and others will be taught to students, followed with an industry certification process and apprenticeship.



**Students that complete 3 credits (6 courses) within the Construction Academy at BTA, will receive a Construction CTE Certificate of Achievement.**

Construction Courses – BTA credits	Grade	Trades
Construction 1A - .5 credit	9 <sup>th</sup> – 12 <sup>th</sup>	<ul style="list-style-type: none"> <li>• Overview of Tools &amp; Trades</li> <li>• Shop Safety</li> <li>• Scroll Saw &amp; Woodworking</li> </ul>
Construction 1B - .5 credit	9 <sup>th</sup> – 12 <sup>th</sup>	<ul style="list-style-type: none"> <li>• Blueprint Reading</li> <li>• Project Design &amp; Build</li> </ul>
Construction 1C - .5 credit	9 <sup>th</sup> – 12 <sup>th</sup>	<ul style="list-style-type: none"> <li>• Woodworking</li> <li>• Manufacturing &amp; Production</li> <li>• Careers in Construction</li> </ul>
Construction 2A - .5 credit	10 <sup>th</sup> – 12 <sup>th</sup>	<ul style="list-style-type: none"> <li>• Wall Framing</li> <li>• Roof Framing</li> </ul>
Construction 2B - .5 credit	10 <sup>th</sup> – 12 <sup>th</sup>	<ul style="list-style-type: none"> <li>• Drywall Install and Repair</li> <li>• Interior/Exterior Finish</li> </ul>
Construction 3A - .5 credit	10 <sup>th</sup> – 12 <sup>th</sup>	<ul style="list-style-type: none"> <li>• Electrical</li> <li>• Plumbing</li> </ul>
Construction 3B - .5 credit	10 <sup>th</sup> – 12 <sup>th</sup>	<ul style="list-style-type: none"> <li>• Methods &amp; Materials</li> <li>• Systems &amp; Installations</li> <li>• Water &amp; Energy Efficiency</li> <li>• Cost-Benefit Analysis</li> </ul>
Advanced Woodshop - .5 credit	11 <sup>th</sup> – 12 <sup>th</sup>	<ul style="list-style-type: none"> <li>• Adv. Capstone Project (varies)</li> </ul>

## **Intro to Building Construction**

Section 1A	AA905SFA1T
Section 1B	AA905SFA2T
Section 1C	AA905SFA3T

Grade: 9-12

Credit: 1.5 (3 trimesters) CTE

**\* This foundational class is for ALL first-year students in the Construction Academy.**

This introductory series of classes exposes students to the basics of drawing, design, and manufacturing techniques used in the workplace today. Through practice learning to read, interpret and produce different types of drawings and designs, students will gain an understanding of design perspectives and assembly procedures. Each will learn the safe and correct use of hand and power tools along with good design techniques. In this course students are assessed on projects completed as well as on their personal work ethic. All building is completed with wood; students keep the projects they make. By the end of this course students will be able to use table saws, chop saws, band saws, routers and more.

## **Building Construction 2**

Section 2A	AA906SFA1T
Section 2B	AA906SFA2T

Grade: 10-12

Credit: .5 per course CTE

This sequence of courses provides students with basic knowledge and skills required for construction of commercial and residential structures.

Students will gain the knowledge and skills needed to safely operate the tools and machines related to construction. Students will get the opportunity to learn about tool safety and apply that knowledge while building a variety of projects. In addition, students will be exposed to OSHA standards and technologies used in the construction field.

Student experiences develop career ready practices in the context of project-based learning. All knowledge and skills are based on career cluster and pathway standards to promote college and career readiness. Areas of study include Woodworking, Framing, Roofing, Drywall, and Finish Work (may include other trades- project dependent).

## **Building Construction 3**

Section 3A	AA908SFA1T
Section 3B	AA908SFA2T

Grade: 10-12

Prerequisite: Const. Tech 2

Credit: .5 per course

Career Tech

Prepares students for entry level employment in the construction trades. Students will attain skills to succeed as they transition from school to work by becoming independent workers, learning communication skills with clients and gaining proficient in safety, applying OSHA standards on tools and machines.

Provides a student experience that develops career ready practices in the context of project-based learning. All knowledge and skills are based on career cluster and pathway standards to promote college and career readiness. Areas of study include Electrical, Plumbing, Sustainable Building practices and other construction trades.

## **Advanced Woodworking**

Section 1A	AA913SFA1T
Section 1B	AA913SFA2T

Grade: 11-12

Prerequisite: Building Const. 2

Credit: .5 per course

CTE

This class is geared for students interested in the design, plan and build process. Skills developed in this class is for students who are passionate about woodworking.

## **Sustainable Building Technologies** AA909SFA9T

Grade: 9-12

Credit: .5

CTE

This class introduces industry accepted sustainable building practices focusing on site planning, land use, the design and construction of green buildings and available certifications. Students will gain knowledge of issues related to indoor environmental quality, water efficiency, land management, and material selection related to sustainable building. Students will explore how fundamental science concepts and strategies are applied through building science.

Not all classes are offered every year/term.  
Offerings subject to change.

# MEDICAL / HEALTH ACADEMY

The Medical / Health Academy orients students to careers that promote health, wellness, and diagnosis as well as treat injuries and diseases. Work locations are varied and may be in hospitals, medical or dental offices or laboratories, medivac units, sports areas, space centers or within the community.



Students that complete 3 credits (6 courses) within the Medical/Health Academy at BTA, will receive the Medical/Health CTE Certificate of Achievement.

Medical/Health Courses – BTA credits	Grade	Certifications /College Credits
Medical/Health Careers Exploration 1 & 2 - .5 credit each	9 <sup>th</sup> - 12 <sup>th</sup>	
First Aid/CPR & Beyond - .5 credit	9 <sup>th</sup> - 12 <sup>th</sup>	<ul style="list-style-type: none"> <li>Wilderness First Aid Certification</li> <li>CPR/First Aid/AED Certification</li> <li>HEA 252 – 3 credits</li> </ul>
Nutrition & Wellness - .5 credit	9 <sup>th</sup> - 12 <sup>th</sup>	<ul style="list-style-type: none"> <li>HPE 225 – 3 credits</li> </ul>
Mindfulness - .5 credit	9 <sup>th</sup> - 12 <sup>th</sup>	<ul style="list-style-type: none"> <li>HPE 207 – 3 credits</li> </ul>
The Human Experience - .5 credit	10 <sup>th</sup> - 12 <sup>th</sup>	
Alternative Medicine - .5 credit	10 <sup>th</sup> - 12 <sup>th</sup>	
EMBRACE - .5 credit - Encouraging Mindful Behaviors to Relay Acceptance Change & Empathy	10 <sup>th</sup> - 12 <sup>th</sup>	<ul style="list-style-type: none"> <li>SOS (Signs of Suicide) Prevention</li> </ul>
Sports Medicine - .5 credit	10 <sup>th</sup> - 12 <sup>th</sup>	<ul style="list-style-type: none"> <li>CDC Concussion Certification</li> </ul>
Health Occupations with St. Charles Rotations – .5 credit	11 <sup>th</sup> - 12 <sup>th</sup>	<ul style="list-style-type: none"> <li>CPR/First Aid/ AED Certification</li> <li>MDA 100– 1 credit</li> </ul>
Medical/Health Internship - .5 credit	11 <sup>th</sup> - 12 <sup>th</sup>	<ul style="list-style-type: none"> <li>HEA 298/HEA 299– 3 credits</li> </ul>
<b>ONLINE: Medical/Health Courses - .5 credit each</b> Medical Terminology 1 & 2, Psychology, & Health Information Management (HIM). Receive your HIM certification by taking MDA 101, HIM 104/105/106.	11 <sup>th</sup> - 12 <sup>th</sup>	<ul style="list-style-type: none"> <li>PSY 101/201 – 3 credits each</li> <li>MDA 101/102 – 3 credits each</li> <li>HIM 104/105/106 – 3 credits each</li> <li>Health Inform. Mgmt. Certification</li> </ul>

### **Medical/Health Careers Exploration 1 AA505SFA9T**

Grade: 9-12

Credit: .5

Health/Fine Art

**\*This foundational class is for ALL first-year students in the Health Academy.**

This course is for students seeking a hands-on, interactive experience in the health/medical careers. Students will have the exceptional opportunity to enter into an independent learning environment that is supported by state-of-the-art, simulated modules that give students a very realistic and hands-on medical/health careers. Students can choose 6 careers to experience: Medical Imaging (x-ray), Nursing, Physical Therapy, Occupational Therapy, Dentistry, EMT/Paramedicine, Biotechnology, Alternative and Integrative Medicine, Veterinary, Clinical Lab Technician, Phlebotomy, Pathology, Pharmacy, Surgery, Orthopedics, Medical Assisting, and an emphasis in human anatomy and medical terminology. This course specifically provides a foundation of knowledge and skills necessary for medical/health career preparation.

### **Medical/Health Careers Exploration 2 AA505SFA9T**

Grade: 9-12

Credit: .5

Health/Fine Art

This course is an extension to the hands-on, interactive experience from Medical/Health Careers Exploration – 1. Students will have another trimester dedicated to an independent learning environment that is supported by state-of-the-art, simulated modules that give students a very realistic and hands-on experience in medical/health careers. Students can choose 6 additional careers to experience: Medical Imaging (x-ray), Nursing, Physical Therapy, Occupational Therapy, Dentistry, EMT/Paramedicine, Biotechnology, Alternative and Integrative Medicine, Veterinary, Clinical Lab Technician, Phlebotomy, Pathology, Pharmacy, Surgery, Orthopedics, Medical Assisting, and an emphasis in human anatomy and medical terminology. This course specifically provides a foundation of knowledge and skills necessary for medical/health career preparation.

### **The Human Experience**

HE134SFA9T

Grade: 10-12

Credit: .5

Health/Fine Art

Students will explore “*soulutions*” to develop necessary tools for their personal, life-toolbox that will assist them in their human experience. Topics of study include: personality awareness, communication, relationships, mental health, sexuality, addiction, nutrition and stress. Through projects, guest speakers, personal reflections and activities, students will be able to identify, prevent and take action on debilitating issues that plague our society. Students will identify many sources of strength that can empower and positively contribute to a lifestyle that will benefit them physically, mentally, socially, spiritually, relationally and emotionally.

### **EMBRACE**

HE133SH19T

E.M.B.R.A.C.E (Encouraging Mindful Behavior to Relay Acceptance Change and Empathy)

Grade: 10-12

Credits: .5

Health 1

In EMBRACE, you will work with fellow classmates to compassionately support one another, and the school at large, to improve the overall health for self and community. The class will include activities that promote self-esteem, stress reduction, building trust, and recognizing and working with diversity. Students will actively investigate the greatest needs (i.e. anxiety, stress, self-harm, media mayhem, unhealthy relationships, suicide, drug dependence, and bullying), identify the causes/why's, and advocate for best solutions and prevention. Students will gain training and skills that promote acceptance, inclusivity, and mindfulness to create supportive and positive changes for a healthier environment. The overall mission is to increase help-seeking behaviors and promote connections between peers and caring adults so that when times get hard students will identify their sources of strength to be resilient. So, EMBRACE this opportunity to be a part of something unique and life-changing!

### **First Aid, CPR & Beyond**

PE400SEL9T

Grade: 9-12

Credit: .5

Health/Fine Art

Welcome to First Aid/CPR & Beyond! I can't wait for you to fall in love with this exciting, hands-on, skills you will use for a life-time, eye opening, jaw dropping, practical class. Have you ever witnessed a person getting injured? Ever wondered how you would deal with a survival situation? Do you have a war-wound story of your own? Of course you do. That is why this class is so practical. Injuries are inevitable, so learning the skills to identify, prevent and treat most first aid situations is something you can take from this class and use the rest of your life! This course will also enable you the opportunity to gain certification by Medic First Aid in Adult, Child and Infant CPR and First Aid and Automated External Defibrillation. Outdoor Survival and Wilderness First Aid section is included as well. Be ready for the Great Outdoors by learning the ins and outs of snow shelter building, avalanche safety and training, how to start a fire or collect water in a survival circumstance. Bottom line, this course can offer you the assurance of knowing that you have the skills necessary to help save a life... maybe even your own!

\* College Credits: KCC (Klamath Community College) – HEA 252 – 3 credits \* Certifications: CPR/First Aid/AED

**Mindfulness**

PE132SPE9T

Grade: 9-12

Credit: .5

CTE/Health

Do you want to be less stressed, sleep better, be more productive with your time, feel less anxious, experience a healthier body and mind, feel happier and be more compassionate with self and others? Mindfulness is just what you need! This class is designed to introduce life-long skills that can help reduce the emotional, physical and mental stress of everyday life through mindfulness practices. This is an experiential class where you learn by doing and practicing different forms and styles of breathing techniques, meditations, yoga, resonance, imagery, gratitude, intention, movement and body-mind awareness in both the classroom and nature settings. In this supportive group environment, you will be lead through activities that build resilience and fortitude to treat and prevent disease (anxiety, stress, depression, addiction, sleep deprivation, unworthiness, inflammation, decreased immune system, weight gain, anger, isolation, eating disorders, substance abuse, unhealthy relationships, etc).

Research has revealed that mindfulness makes lasting changes in the brain in three areas: Executive Function (improves attention and focus, clear decision making and decreases reactivity); Emotional Regulation (decreases stress reactions, decreases anxiety & depression symptoms, and increases ability to respond with flexibility, empathy, and compassion for self and others); and Builds/Strengthens Structures of the Brain (areas responsible for learning, memory, and self regulation). Come and experience relief from the grind of life and embrace the peace that you deserve.

\* College Credits: KCC – HPE 207 – 3 credits

**Nutrition and Wellness**

HE131SHE9T

Grades: 9-12

Credits: .5

Health

Come and explore how Nutrition & Wellness relates to your quality of life. This course provides an in-depth look at the current American diet and how the role of wellness, sleep, physical fitness, stress, nutrition, and cardiovascular health all play an integral part in an individual's health, well-being, and longevity. We will explore the contributing factors of the onset to disease and how a lack of ease (stress, poor diet, lack of sleep, etc.) promotes disease and conditions in the body that are preventable and treatable. We will deep-dive into understanding why and how being healthy physically, mentally, socially, and emotionally will benefit everything we are and will do in life. Students will become health literate and able to obtain, interpret and understand critical health information and services for life.

**Sports Medicine**

PE406SEL9T

Grade: 10-12

Credit: .5

CTE/Health

Sports Medicine is an engaging class designed for students interested in the fields of athletic training, physical therapy, nursing, orthopedic medicine, fitness training, EMT/Paramedic, exercise physiology, kinesiology, chiropractic, acupuncture, sports nutrition, x-ray/MRI, sports psychology, or a person simply wanting the knowledge on how to keep their body as healthy as possible to maximize performance and longevity. This class will involve hands-on instruction and application in taping, splinting, and the use of various treatment/rehabilitation modalities for injuries to the ankle, knee, hip, wrist, elbow, shoulder, neck and head. Additionally, sport psychology and sports nutrition will also be explored.

\* Certifications: CDC Concussion Training Certification

**Health Occupations with St. Charles Rotations**

SC451SSC9T

Grades: 11-12

Credit: .5

Science

This course is designed for students with a continued interest in the medical/health careers. St. Charles rotations provides an overview of many professions and their specific job qualifications, employment trends and educational requirements. Students will be trained by St. Charles Medical Center staff in confidentiality (HIPAA Privacy), bloodborne pathogens, hand hygiene and empathy. Students will have job shadowing experiences at St. Charles Medical Center in Bend. They will experience 10 rotations in departments like: Emergency Room, Intensive Care Unit, Family Birthing Center, Pathology, Medical/Surgical Nursing, Medical Assistant, X-Ray, etc. Additionally, medical terminology, CPR/First Aid/AED Certification, and vital signs will also be covered.

\* College Credits: KCC (Klamath Community College) – MDA 100 – 1 credit \* Certifications: CPR/First Aid/AED

### **Alternative Medicine**

AA516FSA

Grade: 10-12

Credit: .5

CTE

We will explore the many complementary, integrative and alternative forms of therapy and practices that have been used successfully for centuries worldwide: Acupuncture, Ayurveda, Chiropractic Medicine, Osteopathic Medicine, Homeopathy, Naturopathy, Oriental Medicine, Massage Therapy, Aromatherapy, Herbal Medicine, Body Movement Therapies, Yoga, Meditation, Tai Chi, Reiki, Mindfulness, Qi Gong, Breathing, Biofeedback, Electromagnetic Therapy, Biomodulation Light Therapy, Guided Imagery, Art Therapy, Nutrition and Bio-Hacking techniques. Students will understand the value of, and critical need, to bring the human body back to a natural state to prevent chronic disease, to improve quality of life, and increase longevity.

### **Medical/Health Internship**

Grades: 11-12

Credit: .5

Science

Students interested in doing a medical/health internship with a local medical/health professional, can create an individual, long-term internship. Consider School to Work or Volunteer opportunities. Examples include, but are not limited to: physical therapy, physical training, veterinary medicine, dental, chiropractor, acupuncturist, massage therapy, nutritionist, volunteer firefighter, etc. Additionally, any BTA Online Course or any Online College Course that falls under the standards of the Medical/Health Academy can also be considered an internship.

\* College Credits: KCC – HEA 199 – 3 credits

## **HEALTH ACADEMY - ONLINE COLLEGE CREDIT OPPORTUNITIES**

### **ONLINE PSYCHOLOGY**

Grades: 10-12

Credit: .5

Klamath Community College – Online – up to 8 KCC credits This General Principles of Psychology course is offered ONLINE through KCC – PSY 201A. Topics include history, research methods, brain and behavior, genes and environment, human development, and sensing and perception. This is a 3-credit college course with a cost of \$25 per credit (total \$75) for a student at BTA. (Normally, for a college student, the cost is \$100 per credit - \$300 total for the course). Being a high school student enrolled in college courses provides a significant savings of \$225 for the class.

\* College Credits: KCC – PSY 101 (Psychology & Human Relations) – 3 credits and KCC – PSY 201 (General Psychology 1) – 5 credits

### **ONLINE MEDICAL TERMINOLOGY I**

Grades: 10-12

Credit: .5

Klamath Community College – Online – 3 KCC Credits This Medical Terminology I course is offered ONLINE through KCC – MDA101. This course covers medical terminology prefixes, suffixes, word roots, and abbreviations by body system. This is a 3-credit college course with a cost of \$25 per credit (total \$75) for a student at BTA. (Normally, for a college student, the cost is \$100 per credit - \$300 total for the course). Being a high school student enrolled in college courses provides a significant savings of \$225 for the class.

\* College Credits: KCC – MDA101 – 3 credits

### **ONLINE MEDICAL TERMINOLOGY II**

Grades: 10-12

Credit: .5

This Medical Terminology II course is offered ONLINE through KCC – MDA102. This course is a continuation of Medical Terminology I. It covers medical terminology prefixes, suffixes, word roots, and abbreviations by body system. This is a 3-credit college course with a cost of \$25 per credit (total \$75) for a student at BTA. (Normally, for a college student, the cost is \$100 per credit - \$300 total for the course). Being a high school student enrolled in college courses provides a significant savings of \$225 for the class.

\* College Credits: KCC – MDA102 – 3 credits

### **ONLINE HEALTH INFORMATION MANAGEMENT**

Grades: 10-12

Credit: .5

Klamath Community College – Online – 6 or more KCC credits Looking for a career in the exciting and often lucrative medical field, but don't want to get your hands dirty? The Health Information Management program is available at many community colleges designed to meet increasing health industry demands for trained health information specialists that includes a combination of human science, computer technology, and health information courses that prepare students for employment in healthcare organizations. These skills encompass billing, processing, using health data for treatment, compliance, etc. The Health Information Management (HIM) courses are offered ONLINE through KCC. Receive your HIM Certification by taking HIM 104/105/106 and MDA 101.

Not all classes are offered every year/term.  
Offerings subject to change.

# BUSINESS LEADERSHIP ACADEMY

The Business Leadership Academy focus on business and entrepreneurial needs for Oregon's students as they prepare to enter in the world of business. The careers in this area span virtually every industry in the world. Studies in the Business academy focus on the commonalities among most businesses, including personnel management, marketing, planning, finance, resource management, and entrepreneurship.



Students that complete 3 credits (6 courses) within the Business Leadership Academy at BTA, will receive the Business Leadership Certificate of Achievement.

	Grades	Certifications/College Credits
Intro to Business - .5 credit Fashion Merchandise - .5 credit Restaurant Business Management - .5 credit	9 <sup>th</sup> – 12 <sup>th</sup>	▪ BUS - 3 credits
Social Media Marketing - 1A and 1B - .5 credit each Sports/Entertainment Marketing - .5 credit	9 <sup>th</sup> – 12 <sup>th</sup>	▪ Facebook Blueprint Associates Marketing Certificate ▪ Twitter Flight School Video Badge
Business Management - 1A, 1B, and 1C (Leadership) - .5 credit	9 <sup>th</sup> – 12 <sup>th</sup>	▪ EDU - 3 credits ▪ CGS - 3 credits
Personal Finance - 1A and 1B - .5 credit	9 <sup>th</sup> – 12 <sup>th</sup>	▪ BUS - 3 credits
Entrepreneurship - .5 credit each <i>*Only for students who have completed 3 credits within the Business Leadership Academy</i>	11 <sup>th</sup> – 12 <sup>th</sup>	• AMT - 3 credits

## **Intro to Business**

Section 1A BU400SFA1T

Section 1B BU400SFA2T

Grade: 9-12

Credit: .5 per course CTE

**\*This foundational class is for ALL first-year students in the Business Academy.**

Introduction to Business is designed to expose the interested student to many functions of modern business. Topics such as business types, business risks, organization, marketing and entrepreneurship are discussed in an introductory manner using culminating projects and experiences.

## **Marketing 1**

Section 1A BU500SFA1T

Section 1B BU500SFA2T

Grade: 9-12

Credit: .5 per course CTE

Comprehensive courses focus on the wide range of factors that influence the flow of goods and services from the producer to the consumer. Topics may include, but are not limited to, market research, the purchasing process, distribution systems, warehouse and inventory control, salesmanship, sales promotions, shoplifting and theft control, business management, and entrepreneurship. Human relations, computers, and economics are sometimes covered as well.

## **Social Media Marketing** BU512SFA9T

Grade: 10-12

Credit: .5 CTE

Students practice targeting various demographics through social media content creation and promotion.

Students learn strategies for earned, owned and paid social media marketing. They analyze various forms of media and direct promotional strategies to maximize reach. Students will also learn strategies to manage a company's social media activities and deliver real value to its company and its customers.

## **Fashion Merchandising** BU510SFA9T

Grade: 10-12

Credit: .5 CTE

Fashion merchandising is the art of presenting products to customers at the right price and at the right moment. Learn how targeted marketing drives consumer motivation. See real-world examples through trips to retail stores. Students will also experience an overview of how a business using our student store can be creative, from fashion product concept to delivery. Students will learn how to target customers as well as how to make a profit and be competitive.

## **Business Management (Leadership)**

Section 1A BU406SFA1T

Section 1B BU406SFA2T

Section 1C BU406SFA3T

Grade: 10-12

Credit: .5 per course CTE

**Contact the Leadership teacher.**

Integrates and builds upon skills learned in previous Business courses. Students learn about strategic planning and decision making, leadership and motivation in the workplace, human resources, and various best practices of successful management. Students will utilize real life experiences in administration, business operations and management by running a student store.

## **Personal Finance**

Section 1A BU415SFA1T

Section 1B BU415SFA2T

Grade: 10-12

Credit: .5 per course CTE

This two-part course will first give you the opportunity to explore career, occupational, and educational choices to help you make decisions about your future. You will gain job-seeking and career skills, including the job application, resume and cover letter creation, interviewing, and success on the job. A three-hour job shadow will give you a first-hand look at an occupation of your choice. In the second part of this course, you will gain skills and knowledge related to financial literacy and successful money management. Knowledge in the areas of banking, budgeting, taxes, investing, buying a car, insurance basics, credit, and living on your own will help you make important life decisions and become a wise consumer. We will also hear from guest speakers.

## **Restaurant Business Management** BU410SFA9T

Grade: 9-12

Credit: .5 CTE

Restaurant Business Management introduces students to all the tough business decisions involved in running a successful restaurant. In the real world, restaurants are the most common new business started each year, but restaurants also fail at a higher rate than other businesses. In this class, students make a number of decisions large and small - picking menu items, laying out the restaurant's floor plan, etc. Students learn what makes a restaurant succeed, and what business decisions will lead to a restaurant closing down.

## **Sports and Entertainment Marketing** BU511SFA9T

Grade: 9-12

Credit: .5 CTE

Sports and Entertainment gives students the opportunity to "work" in the exciting sports and entertainment world. The online simulation teaches students the hard business decisions that go into the sports and entertainment events the students enjoy in real life. Students handle promotion, ticket pricing, stadium operations and staffing, sponsors, concessions, concert booking and promotion, and more.

**Entrepreneurship**

Section 1A	BU407SFA1T
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Section 1B	BU407SFA2T
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Grade: 11-12

Credit: .5 CTE

Entrepreneurship will build on cross-curricular academic skills and previous business courses, by integrating inquiry-based learning and business tools that will enable students to analyze, create, develop and pilot small businesses in a safe campus environment. Students will be exposed to business practices that improve social, emotional, environmental and local needs. Students will be exposed to business law and best practices.

Not all classes are offered every year/term.  
Offerings subject to change.

# LIBERAL ARTS ELECTIVES



## **Poetry**

LA517SLA9T

Grade: 10-12

Credit: .5

Language Arts

This course offers students the opportunity to develop and improve their technique and individual style in a wide variety of poetic forms including haiku, ode, limerick, sonnet, and narrative. Format includes both rhyme and free verse, and focuses on creating imagery, incorporating figurative language and developing symbols. The emphasis of the class is on writing song lyrics and will include a brief introduction to guitar and how to set song lyrics to music.

## **Yoga & Meditation**

PE316SPE9T

Grade: 9-12

Credits: .5

PE

A basic and foundational practice focusing on posture, breath, alignment and beginning flow. A safe and supportive environment for beginners and experienced students. This class meets you where you are whether just beginning yoga, modifications and alignments are taught in an inspiring and encouraging way leading you to a wonderful experience of yoga. This a mindful, practice of peace and presence.

Not all classes are offered every year/term.  
Offerings subject to change.

## **Video Arts**

AA801SFA9T

Grade: 9-12

Credit: .5

Elective

This course is designed for students who would like to learn how to make professional looking videos. Students will learn how to effectively plan a video production, shoot video and edit a final product. Students will use a fully digital video production studio and learn skills on sound design and editing.

## **Video Production/Yearbook**

AA803SFA9T

Grade: 9-12

Credit: .5

Elective

Learn to write a script, film, edit, and produce your own movie, then turn it into a DVD. Equipped with a digital video camera and a computer with editing software, your team will make a fictional film and a public service announcement. Each student will also specialize in at least one area in the production of the yearbook: photography, copy writing, computer generated layout, desktop publishing or ad sales.

## **Film as Literature**

LA502SLA9T

Grade: 10-12

Credit: .5

Language Arts

This class focuses on literature through viewing movies. Students will be required to be active participants in film viewings and discussion. Student writings will include their own reviews of films, analyses of the dramatic, cinematic, narrative aspects of films, and comparisons of literary works and their cinematic adaptations.

# MILITARY SCIENCE

The JROTC Program will introduce students to the meaning of citizenship, the elements of leadership, and the value of scholarship in attaining life goals; an awareness of importance of a healthy lifestyle, physical fitness, a proper diet, controlling stress, drug awareness, and the principles of health and first aid.

**Military Science** MI130SEL9T

**Conditioning** PE300SPE9T

Grade: 9-12

Credit: 1 credit (.5 each class) Elective

These courses are made possible by a special partnership with the National Guard and are offered on a limited schedule with limited capacity. Contact the counselor for course availability.

The purpose of the Military Science class is to provide a general understanding of military customs and courtesies, military rank structure, military equipment, military tactics, and military history. This class will also put heavy emphasis on goal setting, time management, leadership, study habits, and discipline.

Teamwork and accountability will be a primary focus throughout the course. Students will be continually tasked with working in small groups or teams to develop these skills. Students will also be able to refine their leadership skills by rotating through a number of student leadership positions. Physical Fitness is paramount in any military setting, and therefore will be stressed to the students for the duration on this course. During the course all students will participate in Army style physical training which will be extended to all students and faculty members. This physical training will take place Tuesdays and Thursdays of class. Exact times and places for the physical training sessions will be announced on a weekly basis.

# WORLD LANGUAGE

## Spanish 1

Section 1A	FL601SFA1T
Section 1B	FL601SFA2T
Section 1C	FL601SFA3T
Grade: 9-12	
Credit: 1.5 (3 trimesters)	Second Language

Come explore an introduction to Spanish language and culture. Did you know that Spanish is spoken on 4 continents and in 21 countries? Learning Spanish offers an abundance of opportunities to become familiar with and enjoy the culture and beauty of so many places!

This series of introductory courses emphasize an understanding of conversational vocabulary and phrases around typical daily activities involving greetings, friends, family, food, school, and celebrations by gaining proficiency in the 3 modes of communication:

**\*Interpretive (Listening & Reading)** – What can you understand when you listen & read?

**\*Interpersonal (Person-to-person)** – How well can you communicate with someone else?

**\*Presentational (Speaking & Writing)** – What can you say and write?

## Spanish 2

Section 2A	FL602SFA1T
Section 2B	FL602SFA2T
Grade: 9-12	Prerequisites: Spanish 1 series
Credit: 1 (2 trimesters)	Second Language

Second year Spanish continues the development of the three modes of communication. Focuses on the concepts of reflexive verbs, adverbs of time and frequency, both the preterit and imperfect tenses (including regular, stem-changing, and irregular verbs), por/para as well as a continued study of the diverse Spanish-speaking cultures. Students are encouraged to review the concepts of Spanish 1A, 1B, & 1C prior to class.

# CAREER PREP

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**Careers 1** BU100SFA9T

Grade: 9-10

Credit: .5

Fine Art

The overlying theme of the course provides students the opportunity to uncover their own unique answers to three important questions: Who am I? What do I want? How do I get it? By exploring their own particular abilities, ambitions, and dreams, students learn not only how this knowledge can help them plan for a future career and successful life, but the importance of being able to read, write speak and compute well.

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**Careers 2** BU101SFA9T

Grade: 11

Credit: .5

Fine Art

Introduction to Career Development, provides you with an opportunity to learn and develop the necessary skills to engage in life/career planning. This class will assist you in many areas of career development, from choosing a major and deciding on occupations to learning about resumes, interviewing, and job search strategies.

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**Careers 3** BU102SFA9T

Grade: 12

Credit: .5

Fine Art

In Careers 3, students will gain self-awareness of interests, personality, life goals and values. A further understanding of educational career options will be reached. Students will research and match themselves with potential careers. They will then explore continuing education options, make decisions, set goals and plan for the future. Finally, students will complete all senior requirements for graduation, including the FAFSA, Promise Grant, OSAC and apply to a college/university.

# SCHOOL-TO-CAREER CREDIT OPTIONS

## **School-to-Career Work Experience** MD313SEL-A9

Grade: 9-12

Credit: .5-2.0

Elective

Do you have a job? Do you volunteer your time? Whether or not you are paid for your work, your efforts can lead to credit! In addition to tracking your hours, you will complete projects to earn up to 1.0 credit per year above the credits you earn in your classes.

Work Experience Opportunities
STC Work Experience
STC Work Experience Agriculture
STC Work Experience Business Management
STC Work Experience Culinary
STC Work Experience Engineering
STC Work Experience Graphics
STC Work Experience Manufacturing
STC Work Experience Transportation

## **School-to-Career Internships** MD317SEL\*\*

Grade: 9-12

Credit: .5-2.0

Elective

Many STC programs are independent study courses and require students to be organized and proactive. Some of the programs are offered certain times of the year, some can be started at your request (structured work- based learning, internships, job shadows), and others are started when a business posts an opening with the School-To-Career office. Credit earned through the School-To-Career department is elective credit. Students will be expected to complete a student workbook, compile hours, and complete an evaluation based on the career related learning experience.

Field experiences involve activities completed outside of the classroom and have set times during the school year to participate. They are designed to give students guided and controlled experiences with professionals.

Internship Courses
STC Internship
STC Internship Paid
STC Intern Agriculture
STC Internship Unpaid
STC Intern Business Management
STC Intern Culinary
STC Intern Engineering
STC Intern Graphics
STC Intern Manufacturing
STC Intern Transportation
STC Field/Clinical Experience
STC Field/Clinical Experience-Business Rotations
STC Field/Clinical Experience-Build-It Construction Walk Rotations
STC Field/Clinical Experience-Culinary Occupations
STC Field/Clinical Experience-Dental Occupations
STC Field/Clinical Experience-Engineering Rotations
STC Field/Clinical Experience-Health Occupations
STC Field/Clinical Experience-Hospitality, Tourism, Business Walk Rotations
STC Field/Clinical Experience-Seed-to-Plate Rotations
STC Field/Clinical Experience-Makers and Entrepreneurship
STC Field/Clinical Experience-Emerging Tech Walk Rotations

## **Central Oregon Youth Conservation Corps**

MD313SEL-A9T

Credit: 1

Training Hours: 300

Requirements: Age 15-19 years

This is a paid position. Process: Spring recruitment for summer work program. Students work in conjunction with a variety of government organizations to improve public lands. They build trails, plant trees, and clear vegetation. Students gain knowledge of forests, natural resources, community growth, and teamwork. Students are required to do hard physical work that is fun and rewarding.

# ACADEMIC CORE CLASSES

## LANGUAGE ARTS

9th		10 <sup>th</sup>		11th		12th	
Class Title	Credits	Class Title	Credits	Class Title	Credits	Class Title	Credits
Lit & Comp 1* *Honors Option	1	Lit & Comp 2* *Honors Option	1	Lit & Comp 3* *Honors Option	1	Lit & Comp Selective* *Honors Option or AP Option	0.5

### Lit and Comp 1

Section 1A LA100SLA1T

Section 1B LA100SLA2T

Grade: 9

Credit: 1.0 (2 Trimesters)

Language Arts

This is a foundational course designed to practice and hone major reading, writing, speaking and listening skills. In this course students will improve their reading abilities by consuming various novels, non-fiction, fiction, short stories, poems, essays, poetry and drama. Students will improve their writing skills by completing various tasks aimed at enhancing skills in grammar, organization, conventions, sentence structure, sentence fluency and word choice. Students will also learn the basics of MLA style formatting. Larger writing tasks in this course will include a narrative essay for a work sample opportunity, and an expository essay for a work sample opportunity.

### Lit and Comp 1 Honors

LA100HLA9T

Grade: 9

Credit: .5

Language Arts

This honors course is designed for students with a passion for literature arts and wish to pursue a higher level of rigor.

### Lit and Comp 2

Section 1A LA110SLA1T

Section 1B LA110SLA2T

Grade: 10

Credit: 1.0 (2 Trimesters)

Language

Arts This course is designed to continue to build and hone those skills learned in Lit and Comp 1. Students will continue to build their reading skills through exploration of fiction and non-fiction sources, short stories, poems, essays, poetry and drama. A large portion of this course's reading materials will be based in American Literature. Students will continue to improve their writing skills by completing various tasks aimed at enhancing skills in grammar,

organization, conventions, sentence structure, sentence fluency and word choice. Students will review and improve on MLA style formatting. Larger writing tasks will include an argumentative essay for a work sample opportunity, and a literary analysis essay for a work sample opportunity.

### Lit and Comp 2 Honors

LA110HLA9T

This honors course is designed for students with a passion for literature arts and wish to pursue a higher level of rigor.

### Lit and Comp 3

Section 1A LA115SLA1T

Section 1B LA115SLA2T

Grade 11

Credit: 1.0 (2 Trimesters)

Language Arts

This course is designed to continue to build and hone those skills learned in Lit and Comp 1 and 2. Students will continue to build their reading skills through exploration of fiction and non-fiction sources, short stories, poems, essays, poetry and drama. A large portion of this course's reading materials will be based in British and Western Literature. Students will continue to improve their writing skills by completing various tasks aimed at enhancing skills in grammar, organization, conventions, sentence structure, sentence fluency and word choice. Students will review and improve on MLA style formatting. Students will also focus on elements of technical reading and writing that will tie directly into their chosen CTE academies.

### Lit and Comp 3 Honors

LA115HLA9T

This honors course is designed for students with a passion for literature arts and wish to pursue a higher level of rigor.

**Poetry** LA517SLA9T

Grade: 10-12

Credit: .5

Language Arts

This course offers students the opportunity to develop and improve their technique and individual style in a wide variety of poetic forms including haiku, ode, limerick, sonnet, and narrative. Format includes both rhyme and free verse, and focuses on creating imagery, incorporating figurative language and developing symbols. The emphasis of the class is on writing song lyrics and will include a brief introduction to guitar and how to set song lyrics to music.

**Contemporary Literature**

Section 1A LA142SLA1T

Section 1B LA142SLA2T

Grade: 12

*Need for Essential Skills*

Credit: 1.0 Language Arts &amp; 1.0 Social Studies/Elective (2 Trimesters)

This senior course focuses in on reading and writing skills taught in LA Core 1 and 21<sup>st</sup> Century Literacy. Emphasis is placed on specific needs for students to demonstrate essential skills in reading and writing. Practice work samples for both areas will be a key component of this class. This course is taught as a companion with Mrs. Johnson's World Issues Studies Course. Students must participate in both and will have the opportunity to earn Social Studies and English/Language Arts credit based on showing proficiency through assessment. The combination of these courses will allow students to be exposed to a rich historical period and interact with the themes through reading, writing, speaking, and listening. These skills will help students meet the rigorous demand for critical reasoning in the 21<sup>st</sup> century.

**21st Century Literacy**

Section 1A

LA144SLA1T

Section 1B

LA144SLA2T

Grade: 11

Credit: 1.0 (2 Trimesters)

Language Arts

The purpose of this course is to provide students with a variety of cultural and communicative opportunities. A literate student must be able to cooperate and adjust in an ever-changing society where technology and, therefore literacy, demand a wide-range of abilities and competencies. As students move between literary non-fiction and research, they will gain skills that will enable them to be critical thinkers. The skills practiced, analyzed, and evaluated in reading, writing, language, vocabulary, listening and speaking will prepare students to dynamically impact a 21<sup>st</sup> century world. Specifically, students will engage in building skills to evaluate writing, synthesize multiple sources, use evidence from a variety of technological mediums, and analyze reading for text-based questions.

**Film as Literature**

LA502SLA9T

Grade: 10-12

Credit: .5

Language Arts

This class focuses on literature through viewing movies. Students will be required to be active participants in film viewings and discussion. Student writings will include their own reviews of films, analyses of the dramatic, cinematic, narrative aspects of films, and comparisons of literary works and their cinematic adaptations.

**AP Lit and Comp**

Section 1A

LA150ALA1T

Section 1B

LA150ALA2T

Grade: 11-12

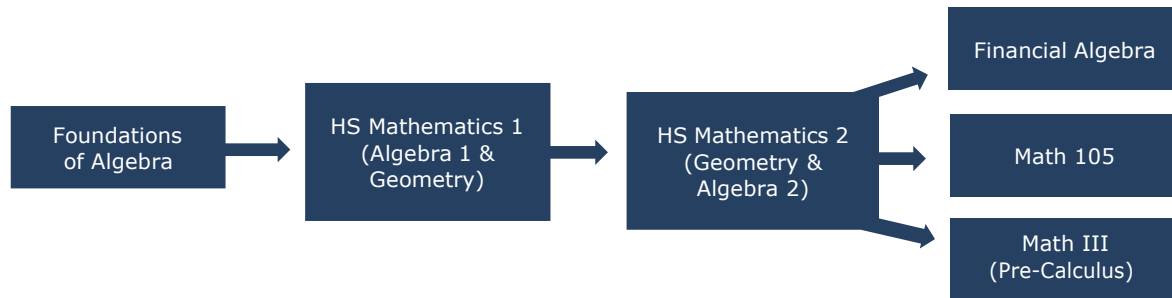
Credit: 1.0 (2 Trimesters)

Language Arts

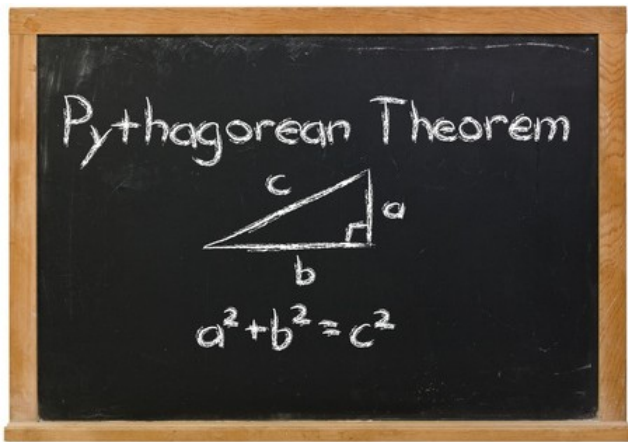
This course provides advanced, comprehensive literature and composition instruction. The goals of the class are: a) to expose students to a college course atmosphere and expectation, b) to achieve college credit and college readiness skills in reading, critical thinking, and writing, and c) to provide a foundation for lifelong engagement in literary culture. Students will use formal academic communication skills (critical thinking, close reading, literary analysis, speaking skills, analytical writing, and personal response) to explore imaginative literature from various world cultures and historical eras.

Not all classes are offered every year/term.  
Offerings subject to change.

# MATHEMATICS



We follow the Oregon Department of Education recommendation of offering a two-credit core of high school mathematics, followed by at least one credit of high school math that addresses student interests and aspirations. The core is tightly focused on the algebra, geometry and statistics necessary for all students to be college and career ready.



## Algebra 1/Geometry (HS Mathematics I)

Section 1A	MA213SMA1T
Section 1B	MA213SMA2T

Grades: 9-12

Credit: 1.0 (2 Trimesters)

Math

The Math 1 course is essential in the development of the Standards for Mathematical Practice. Students will develop skills in problem solving, reasoning and proof, communication, representation, and connections. In HS Mathematics I, students build on their knowledge of descriptive statistics, functions, expressions and equations, and geometric relationships. They formalize their concept of a function and encounter linear, quadratic, and exponential functions as well as other examples of non-linear functions. This course presents mathematics as a coherent subject and blends standards from different conceptual categories.

## Geometry/Algebra 2 (HS Mathematics II)

Section 1A	MA214SMA1T
Section 1B	MA214SMA2T

Grade: 9-12

Credits: 1.0 (2 Trimesters)

Math

The CCSS Math 2 course focuses on various families of functions including, but not limited to, polynomial, exponential, logarithmic, rational, and trigonometric. Students will compare the characteristics and behavior of these expressions, equations, and functions. Additionally, students will deepen their understanding of the topics through mathematical modeling and investigate complex probability scenarios. This course presents mathematics as a coherent subject and blends standards from different conceptual categories.

## Financial Algebra

Section 1A	MA259SMA1T
Section 1B	MA259SMA2T

Grades: 10-12

Credit: 1.0 (2 Trimesters)

Math credit

Financial Algebra combines algebraic and graphical approaches with practical business and personal finance applications. The class is designed to motivate students to explore algebraic thinking patterns and functions in a financial context as well as encourages students to be actively involved in applying mathematical ideas to their everyday lives.

**MTH 105 – Math in Society**

Section 1A	MA223SMA1T
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Section 1B	MA223SMA2T
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Grades: 10-12

Credit: 1.0 Math/ 4.0 COCC (2 trimesters)

This course provides a solid foundation in quantitative reasoning, symbolic reasoning, and problem- solving techniques needed to be a productive, contributing citizen in the 21st century. It will focus on applying mathematical concepts to solve real-world, open-ended problems. Students will further their understanding of these topics through mathematical modeling, and investigative, research-based, projects.

**MTH 111 – Pre-Calculus**

Section 1A	MA330SMA1T
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Section 1B	MA330SMA2T
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Section 1C	MA330SMA3T
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Grades: 10-12

Credit: 1.5 Math/4.0 COCC (3 Trimesters)

This college algebra course builds on the topics covered in algebra II. Students will continue to explore the relationship between complex functions and their ability to model real world situations. Topics include solving and graphing exponential, logarithmic, quadratic, and polynomial graphs.

Not all classes are offered every year/term. Offerings subject to change.
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# PHYSICAL EDUCATION



## **Health 1** HE100SH19T

Grade: 9-12

Credit: .5

Health

This is an introductory course. It will challenge students to analyze the current trends happening around them. Topics include: mental/emotional health, dealing with loss, drug, alcohol, and tobacco dependency, and sexual health. Lectures, writing, guest speakers, and community resources will help support the curriculum.

## **Health 2** HE101SH29T

Grade: 9-12

Credit: .5

Health

This course builds upon the content learned during Health 1. Students will learn factual information that will prepare them to make decisions about their personal health. This course will cover the areas of nutrition, physical fitness, non-communicable diseases, and substance abuse.

## **Physical Education 1** PE100SPE9T

Grade: 9-12

Credits: .5

PE

This course is designed to provide physical fitness and coordination through learning lifetime activities and skills. Activities include soccer, volleyball, badminton, dance, pickle ball, basketball, football, tennis, softball, mat games, ultimate frisbee, golf and introductory weight training.

## **Yoga & Meditation** PE316SPE9T

Grade: 9-12

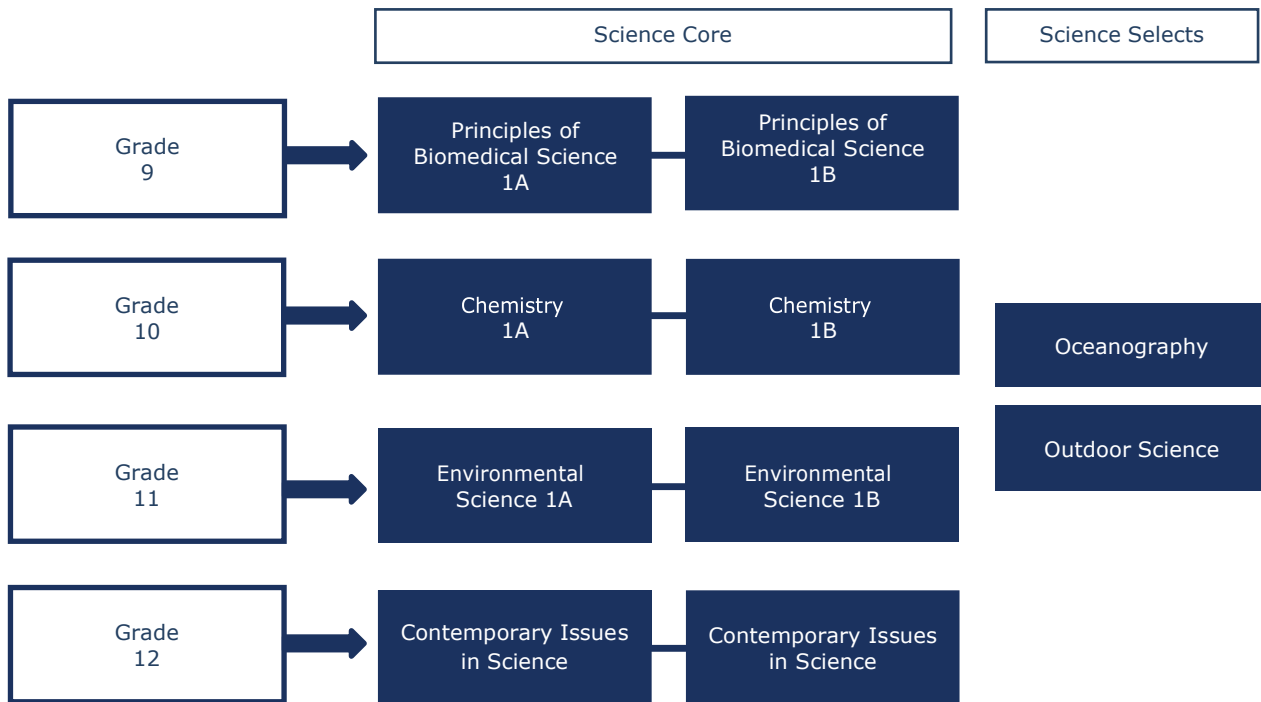
Credits: .5

PE

A basic and foundational practice focusing on posture, breath, alignment and beginning flow. A safe and supportive environment for beginners and experienced students. This class meets you where you are whether just beginning yoga, modifications and alignments are taught in an inspiring and encouraging way leading you to a wonderful experience of yoga. This a mindful, practice of peace and presence.

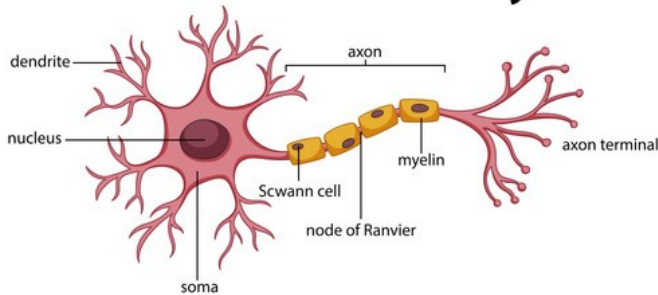
Not all classes are offered every year/term.  
Offerings subject to change.

# SCIENCE



Science classes are offered which will support students in one of our various CTE programs as well as any post-secondary needs they will have. Classes are designed with students in mind. The classes offered in our science department will support one of our various CTE options as well as provide opportunities for students to explore how our natural world works.

## Neuron Anatomy



### Principles of Biomedical Science

Section 1A SC229SSC1T

Section 1B SC229SSC2T

Grade: 9

Credit: 1.0 (2 trimesters)

Science In the introductory course of PLTW Biomedical Science, students explore concepts of biology and medicine to determine the factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

### Environmental Science

Section 1A SC263SSC1T

Section 1B SC263SSC2T

Grade: 11

Credit: 1.0 (2 trimesters)

Science In Environmental Sustainability, students investigate and design solutions in response to real-world challenges related to clean and abundant drinking water, food supply, and renewable energy. Applying their knowledge through hands-on activities and simulations, students research and design potential solutions to these true-to-life challenges.

### Contemporary Issues in Science SC310SSC9T

Grades: 12

Credit: .5 (1 trimester)

Science In Contemporary Science Issues students will study various modern-day topics in science. This class will be presented in a hands-on project-based format with students researching, testing, and debating ideas. There will be a lab-based component in this highly collaborative environment. Current topics such as climate change, global wildfires, GMOs, medical advancements, etc. will be studied.

**Conceptual Physics (Odd Years) SC500SSC9T**

Grades: 9-10

Credit: .5 (1 trimester)

Science

This course stresses a conceptual coupled understanding of physics. The concepts of motion, mechanics, energy, gravity, relativity, waves, and electromagnetism are explored in this course. Students learn through both physical and conceptual experimentation. Engineering tasks will challenge students to use their knowledge and experience to solve problems.

**Oceanography (Even Years) SC244SSC9T**

Grades: 9-10

Credit: .5 (1 trimester)

Science

This course will start with a history of sea exploration and navigation. Students will develop navigational skills as they learn about historical exploration of our world ocean. This course will emphasize physical characteristics of our ocean floor as related to plate tectonics and our everchanging Earth.

**Outdoor Science (Even Years) SC264SSC9T**

Grades: 10-12

Credit: .5 (1 trimester)

Science

In this course students will experience Central Oregon Ecology and Geology through a hands-on field science course. Topics will include local plants and animals as well as the unique geology that makes up this region. This class will be skills focused and students will get a first-hand experience of what field scientists do in their careers every day.

**Chemistry 1 SC411SSC1T**

Grades: 10

Credit: .5 (1 trimester)

Science

Chemistry is a study of the properties and structure of matter. The course covers chemical concepts starting with the structure of an atom and then building through bonding, reactions, the mole, stoichiometry, acids and bases, and organic. It applies mathematics to explain chemical behavior. Labs are used to reinforce material and to teach manipulative skills.

Not all classes are not offered every year.  
Offerings subject to change.

# SOCIAL STUDIES

9th		10 <sup>th</sup>		11th		12th	
Class Title	Credits	Class Title	Credits	Class Title	Credits	Class Title	Credits
Geography	0.5	World History	1	US History	1	Government	0.5



## **Geography** SS160SSS9

Grade: 9-10

Credits: .5 Social Studies or World Studies

This course provides students with an overview of world geography but may vary widely in the topics they cover. Topics typically include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas.

## **World History** SS100SWS1 SS100SWS2

Grade 10 - 11

Credits .5 per course

World History courses provide an overview of the history of human society in the past few centuries—from the Renaissance period, or later, to the contemporary period—exploring political, economic, social, religious, military, scientific, and cultural developments.

## **U.S. History** SS101SUS9T

Grade: 11-12

Credit: .5 US History or Social Studies

Comprehensive courses provide students with an overview of history of the United States, examining time periods from discovery or colonialism through World War II or after. These courses typically include a historical overview of political, military, scientific, and social developments. Course content may include a history of the North American peoples before European settlement.

## **20th Century History in Film 1** SS130SSS9T

Grade: 11-12

Credits: .5 Social Studies

In this course students examine various events from history by viewing films and documentaries. Content of the films are analyzed to separate the history from the Hollywood. Students prepare projects and take tests revolving around the course content. Examples of content include the Holocaust, 9/11, conditions in Africa, culture of different decades, and ancient Roman history.

## **American Government** SS110SGV9T

Grade: 11-12

Credits: .5 Government

How does our government work? Can we affect our government? Is our government good or bad? In this class you will explore the answers to these questions and more. From the foundations of how our government came to be to how our government functions including how laws are made, to elections and the requirements to becoming a candidate to the challenges to the constitution today. You'll also have a chance to design your own government and defend it against the gauntlet of your peers.

## **Criminal Law** SS307SSS9T

Grade: 11-12

Credit: .5 Social Studies

Street Law is a one-semester elective course and is intended to provide students with an opportunity to study the legal, judicial, law enforcement, and corrections systems of the United States.

Not all classes are offered every year/term.  
Offerings subject to change.