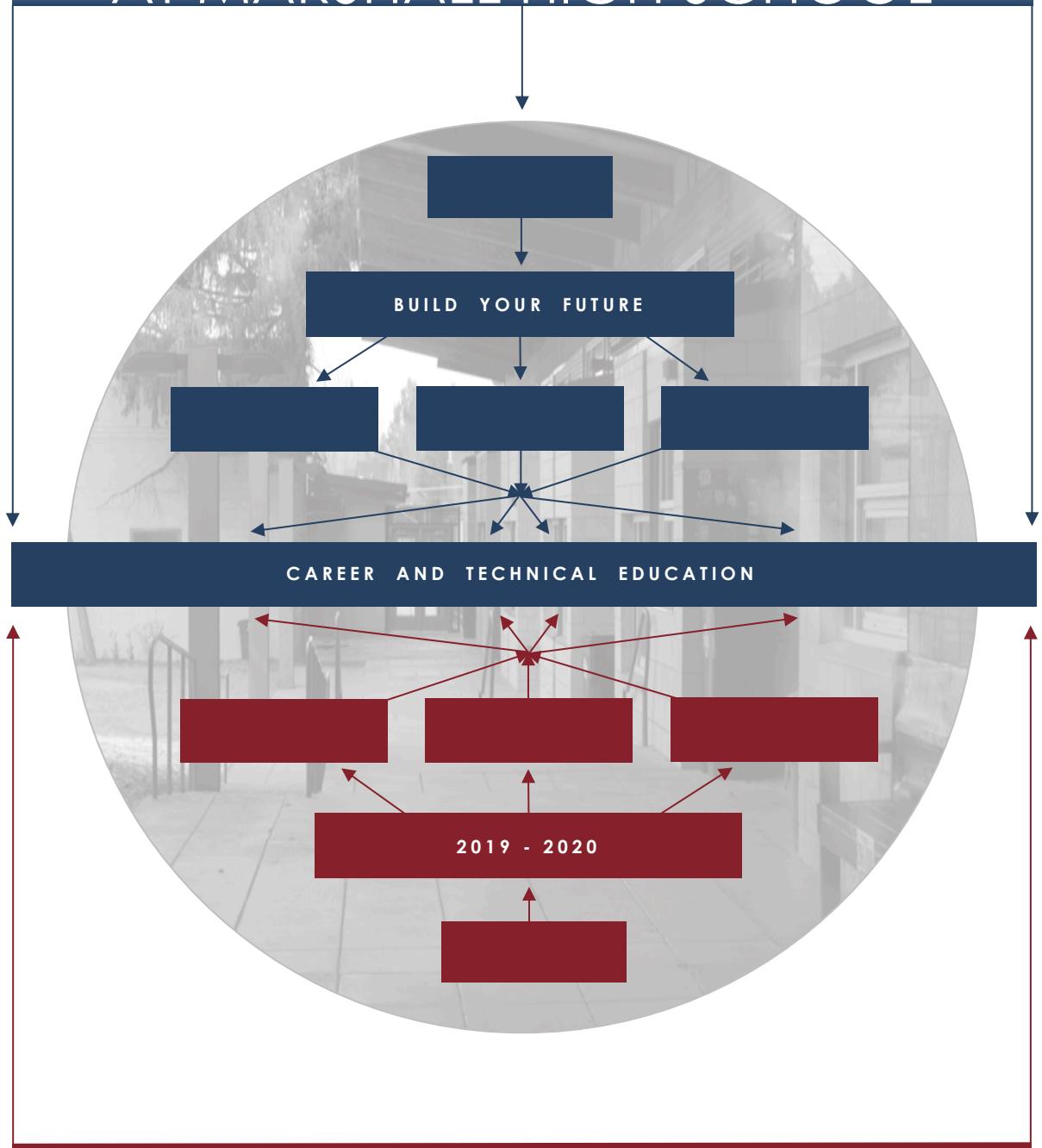


BEND TECH

ACADEMY

AT MARSHALL HIGH SCHOOL





BEND TECH ACADEMY
at
MARHSALL HIGH SCHOOL



Learning for Their Futures

Students at Marshall High School are learning for their futures.

The school offers methods for students to earn college credits while enrolled in our classrooms. Students also engage in Career and Technical Education opportunities to help prepare them for careers in skilled professions.

This fall, Marshall High School will begin offering new CTE pathways for students. New principal, Sal Cassaro, is excited to lead Marshall with a focus on allowing students to pursue their passions in career and tech fields within a small school environment. The five new CTE pathways include STEM engineering, construction technologies, business and marketing, health occupations and JROTC. These programmatic changes will continue to evolve and take shape throughout the school year and will continue to include key input from students and staff.



Dear Students and Parents:

The Academic Planning Guide provides students and parents with the information needed to request courses for 2018-2019 school year. Based on student requests, each year we build a completely new arrangement of classes in an attempt to schedule you into as many of your preferred classes as possible.

Because we arrange the entire school schedule on student input, you must be accurate when you request your courses. This is especially important because course change requests are only granted due to misplacement.

Bend Tech at MHS provides a wide variety of class choices. In making your requests, please keep the following in mind:

- What classes do you still need to graduate?
- What are the prerequisite courses for classes you want to take now and in the future?
- What do you need to take to help you achieve your post high school goals?
- What do your parents, teachers, counselor and mentor teacher recommend you take?
- What classes are you interest in if you cannot be scheduled into your preferred classes.

We want every student to be successful at BTA and we are here to help. Please reach out to us if you have any questions.

Regards,

Sal Cassaro
Principal

Table of Contents

Using your Academic Planning Guide..... 4

Diploma Options 5

Academic Policies and Information..... 7

Counseling and Guidance 7

Credit Requirements / Worksheets 10

Student Support Programs 11

What is CTE? 12

Academy Classes 13

 STEM / Engineering Academy 13

 Construction Technology Academy 15

 Health Academy..... 16

 Business Leadership Academy 17

 Liberal Arts Academy..... 18

 Military Science Academy 19

Career Prep..... 19

School-to-Career Credit Options..... 20

Academic Core Classes 21

 Language Arts 21

 Mathematics..... 22

 Physical Education..... 24

 Science..... 25

 Social Sciences 26



Need help?
Contact the Bend Tech Academy counselor.
Jamie Gunter
(541) 355-3500



Using Your 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. As you are looking at course descriptions, 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

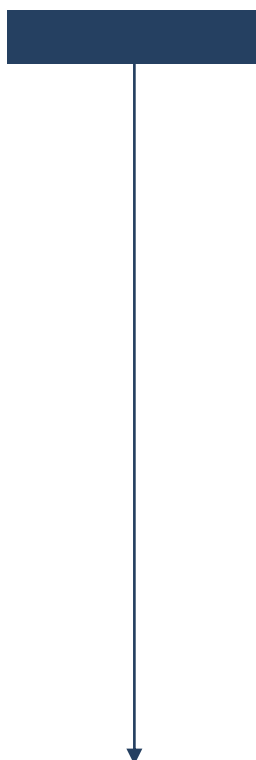
The State of Oregon is now requiring that students not only receive the required amount of credits to earn their High School Diploma, but also demonstrate the ability to pass Essential Skill Assessments and complete Career Related Learning Experiences.

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 at Marshall 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 4
TOTAL	24.0

Modified Diploma

Curriculum Area	Required Credits
Elective	12.0
English/Language Arts	3.0
Health	1.
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 4
TOTAL	24.0

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.
Second Language	2.0
Arts/Career & Technical	2.0
Electives	5.0
**Essential Skills Required	See page 4
TOTAL	26.0

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) and NAIA (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 thousandths 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)

Bend Tech Academy counselor: Jamie Gunter

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 College/Career 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 a OSAA co-curricular activity, students must be enrolled in and passing four full classes to be eligible. This includes the trimester that the student are 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/NAIC 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 and the NAIA website at 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

Academic Policies and Information

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.

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. 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
9th Grade Total Credits	7.5

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
10th Grade Total Credits	7.5

JUNIOR

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

SENIOR

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

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
- Apply to college
- Promise Grant
- 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
- Trade school
- Four-year university
- Military
- Certificate programs
- Career Plan & Profile

www.oregongearup.org



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.

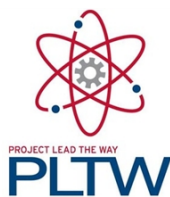
Opportunities

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



Advancement Via Individual Determination

The AVID approach to learning creates a student-centered learning experience which goes well beyond memorization of facts by teaching critical thinking and inquiry skills. AVID curriculum is relevant to students, highly engaging, and collaborative. In AVID schools, students are empowered to take control of their own learning by practicing skills in reflection, and questioning while learning content. The AVID way of learning brings students into the 21st century providing necessary skills for students to succeed in our modern higher education system and workforce.



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 and 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 (SLC)
- 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 Trades
- Business Leadership
- Health Occupations
- Liberal Arts

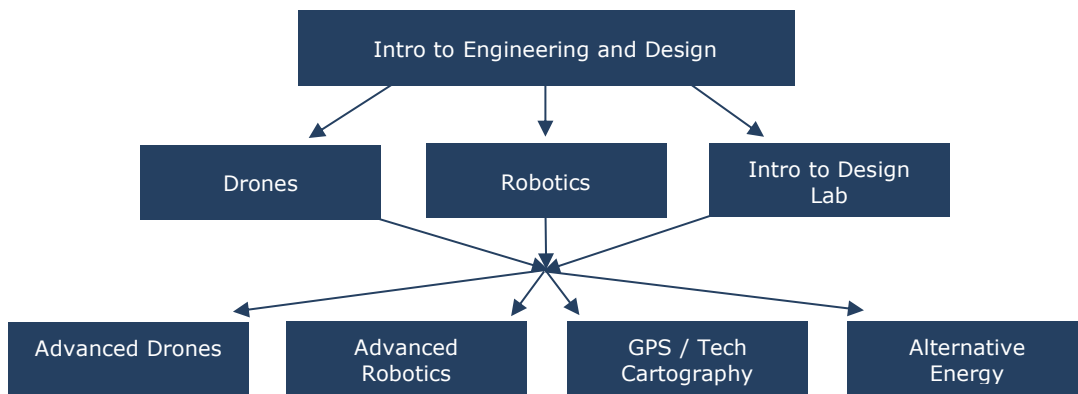
Students will select an academy upon registration to the BTA at MHS, however students may switch academies at any time throughout the year.



Academy Classes

STEM / ENGINEERING ACADEMY

The STEM and Engineering Academy focuses on building 21st 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, introduction to computers and 3D modeling.



Intro to Engineering & Design

This is a Project Lead the Way Course.

Section 1A

AA304SFA1T

Section 1B

AA304SFA2T

Grade: 9-12

Prerequisite: None

Credit: .5 per course

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

SC523SFA1T

Grade: 9-12

Prerequisite: None

Credit: .5

Fine Art

Drone 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.

Drone 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 pilot's certificate.

Advanced Drones SC523SFA2T

Grade: 11-12 Prerequisite: Drones
Credit: .5 Fine Art

This class takes a look at everything from current Unmanned Aircraft Systems to future civilian applications. In addition to learning about this new industry, students will be introduced to flying remotely piloted aircraft and operating entry level Unmanned Aerial Vehicles also known as drones. Students will also focus on the development of audio and visual projects incorporating utilizing digital and media software. Students will also be qualified to become Remote Pilot Certified.

Robotics

Section 1A SC521SSC1T

Section 1B SC521SSC2T

Grade: 10-12 Prerequisite: None
Credit: .5 per course Science

This class is designed to teach the basics of robotics, including design, building, programming, and testing. Students will use Lego EV3 Mindstorm 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: 11-12 Prerequisite: Robotics
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 Robotics Design System and while learning key STEM principles. In small groups, students will also learn how

to program in Robot C programming language (similar to C+).

Intro to Design Lab

Section 1A AA354SFA1T

Section 1B AA354SFA2T

Section 1C AA354SFA3T

Grade: 10-12 Prerequisite: None
Credit: .5 per course

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 manmade 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 their project.

Solar and Alternative Energies

Section 1A AA341SFA1T

Section 2B AA341SFA2T

Grade: 10-12 Prerequisite: None
Credit: .5 per course

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 solar panels work at peak capacity, work with wind turbines, and design miniature hydrogen fuel cells.

GPS/Tech Cartography

Section 1A AA331SFA1T

Section 1B AA331SFA2T

Grade: 10-12 Prerequisites: None
Credit: .5 per course Applied/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 courses 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.

CONSTRUCTION TECHNOLOGY ACADEMY

The Construction Trades 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, cabinet making, plumbing, finish carpentry and others will be taught to students, followed with an industry certification process and apprenticeship.



Intro to Construction Technologies

Section 1A	AA905SFA1T
Section 1B	AA905SFA2T
Section 1C	AA905SFA3T
Grade: 9-12	Prerequisite: None
Credit: 1.5 (3 trimesters)	Career Tech
Comprehensive courses provide students with basic knowledge and skills required for construction of commercial, residential, and institutional structures. These courses provide experiences and information (typically including career opportunities and training requirements) regarding construction-related occupations such as carpentry, cabinetmaking, bricklaying, electrical trades, plumbing, concrete masonry, and so on. Students engage in activities such as reading blueprints, preparing building sites, starting foundations, erecting structures, installing utilities, finishing surfaces, and providing maintenance.	

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 laser technologies used in the construction field.

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 Concrete, Framing, Electrical, Drywall, Roofing, Masonry and Various Other Trades.

Building Construction 2

Section 2A	AA906SFA1T
Section 2B	AA906SFA2T
Grade: 10-12	Prerequisite: Intro to Const. Tech
Credit: .5 per course	Career Tech
Prepares students for entry level employment in the construction trades. Students will attain skills to succeed in the transition from school to work, become independent workers, learn communication skills with clients and become proficient in safety, applying OSHA standards on tools and machines.	

Building Construction 3

Section 3A	AA908SFA1T
Section 3B	AA908SFA2T
Grade: 10-12	Prerequisite: Const. Tech 2
Credit: .5 per course	Career Tech
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 Concrete, Framing, Electrical, Drywall, Roofing, Masonry and Various Other Trades.	

Advanced Woodworking

Section 1A	AA913SFA1T
Section 1B	AA913SFA2T
Grade: 11-12	Prerequisite: Intro to Const. Tech.
Credit: .5 per course	Career Tech
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.	

HEALTH ACADEMY



The 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.

EMBRACE HE133SH19T

Grade: 9-12 Prerequisite: None

Credits: .5 Health 1

E.M.B.R.A.C.E (Encouraging Mindful Behavior to Relay Acceptance Change and Empathy). 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, building trust, and recognizing and working with diversity. Students will learn the process of participatory action research to actively investigate the greatest needs (i.e. prevention of suicide, drug dependence, bullying, abuse, anxiety, stress, body image disorders, media mayhem, unhealthy relationships), their causes, and their solutions. Students will gain training and skills that promote advocacy for acceptance, inclusivity, and mindfulness to create supportive and positive changes for a healthier environment. Embrace this opportunity to be a part of something unique.

First Aid/CPR/AED PE400SEL9T

Grade: 9-12 Prerequisite: None

Credit: .5 Elective

Safety and First Aid courses provide specialized instruction in first aid techniques, cardiopulmonary resuscitation (CPR), relief of obstructed airways, and general safety procedures and behaviors. These courses may include such topics as an overview of community agencies and hotlines providing emergency care and information and opportunities for first aid and CPR certification.

Animal Science SC611SSCT9T

Grades: 10-11 Prerequisite: None

Credit: .5 Science

In animal science students will explore the world of the animal kingdom through the lens of evolution over time.

Students will explore characteristics of animal phyla developing an understanding of what unique characteristics help organisms to survive in various habitats. This course is very hands on. Students will be developing questions and exploring through observation at both the microscopic world and the macroscopic world. There will be a heavy lab component in this course which will include dissections.

Health Occupations 1 AA500SFA9T

Grade: 9-12 Prerequisite: None

Credit: .5 Elective

Students will attend weekly rotations at St. Charles, including experience in the emergency room, intensive care unit, casting room, birthing center, and pathology lab. Students are also encouraged to shadow other health occupations (veterinary, chiropractor, physical trainer, nutritionist, etc.) Along the way, students will be given the opportunity to gain HIPAA certification, learn about medical ethics, current health issues, job search and employment strategies, and job requirements.

Health Occupations 2 AA501SFA9T

Grade: 10-12 Prerequisite: Health Occ.

Credit: .5 Elective

Students create an individual long-term internship within the health field with the help of the health occupations teacher. Students focus on 2-3 careers and take an in-depth look at the requirements for those careers, the daily tasks, and the work environment. Opportunities include, but are not limited to: physical therapy, physical training, veterinary medicine, dental, chiropractor, acupuncturist, nutritionist, EMS, etc.

Sports Medicine

PE406SEL9T

Grade: 9-12

Prerequisite: None

Credit: .5

Elective

Sports medicine is a hands-on class designed for students interested in the fields of athletic training, physical therapy, fitness training, exercise physiology, kinesiology, chiropractic, acupuncture, sports nutrition,

and athletes interested in learning how to prevent, treat, and rehabilitate injuries. Students will practice this knowledge by participating in simulations that will require them to diagnose and treat various injuries. Successful completion of this course results in a CDC Concussion certification.

BUSINESS LEADERSHIP ACADEMY

The Business Leadership Academy focus on business and entrepreneurial needs of Oregon's students as they prepare to enter and succeed 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.



theft control, business management, and entrepreneurship. Human relations, computers, and economics are sometimes covered as well.

Advanced Marketing

Section 2A

BU501SFA1T

Section 2B

BU501SFA2T

Grade: 10-12

Prerequisite: Mktg or Intro to Bus.

Credit: .5 per course

Career Tech

This course will build students' print and online media marketing skills by utilizing projects that give students hands on experience implementing advanced print and online media marketing strategies. Upon completion, students should be able to use multiple technology platforms to create and improve marketing efforts for businesses.

Intro to Business

Section 1A

BU400SFA1T

Section 1B

BU400SFA2T

Grade: 9-12

Prerequisite: None

Credit: .5 per course

Career Tech

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

Section 1A

BU500SFA1T

Section 1B

BU500SFA2T

Grade: 9-12

Prerequisite: None

Credit: .5 per course

Career Tech

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

Business Management

Section 1A

BU406SFA1T

Section 1B

BU406SFA2T

Section 1C

BU406SFA3T

Grade: 10-12

Prerequisite: Mktg or Intro to Bus.

Credit: .5 per course

Career Tech

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.

Entrepreneurship

Section 1A

BU407SFA1T

Section 1B

BU407SFA2T

Grade: 10-12

Prerequisite: Mktg or Intro to Bus.

Credit: .5 per course

Career Tech

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.

LIBERAL ARTS ACADEMY



Art FA201SFA9T

Grade: 9-12 Prerequisite: None
Credit: .5 Fine Art

Students will be introduced to the elements of art through various projects at the beginner level of art. Class will include daily sketchbook drawings, technique practice, and projects working with pencil, color pencil, watercolor painting, acrylic painting, and printmaking. No previous experience required.

Introduction to the Arts FA100SFA9T

Grade: 9-12 Prerequisite: None
Credit: .5 Fine Art

This course serves as a general introduction to all aspects of the visual arts, giving students exposure to a variety of studio disciplines, theory of aesthetics, art history and art criticism. Students will explore visual problem solving using the elements of art and principles of design.

Video Production/Yearbook AA803SFA9T

Grade: 9-12 Prerequisite: None
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 Prerequisite: Poetry
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.

Poetry LA517SLA9T

Grade: 10-12 Prerequisite: Poetry
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 Prerequisite: None
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.

MILITARY SCIENCE ACADEMY

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
Grade: 9-12 Prerequisite: Counselor Approval
Credit: .5 Elective
Introduction to Junior Reserve Officer Training Corps (ROTC) courses introduce students to the purposes and objectives of the Reserve Officer Training Corps

program, which seeks to educate high school students in citizenship, promote community service, and instill responsibility. As part of that introduction, course topics typically include a brief history of the military branches in the United States and the basics of military drill, ceremony, and rank structure.

CAREER PREP

Advancement Via Individual Determination (AVID)

Section 1A MD220SEL1T
Section 2A MD220SEL2T
Grade: 11-12

Prerequisite: Application/Teacher Approval

Credit: 1.0 Elective/1.0 Careers (year-long)

AVID is an academic elective course that prepares students for college readiness and success. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by the AVID elective teacher, tutorial study groups, motivational activities, and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization, and reading to support their academic growth.

Careers 1 BU100SFA9T

Grade: 9-10 Prerequisite: None
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.

Careers 2 BU101SFA9T

Grade: 11 Prerequisite: None
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.

Careers 3 BU102SFA9T

Grade: 12 Prerequisite: None
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

Prerequisite: None

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.

See Mrs. Jarrett for details about these opportunities.

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

Grade: 9-12

Prerequisite: None

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.

See Mrs. Jarrett for details about the following internship courses.

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

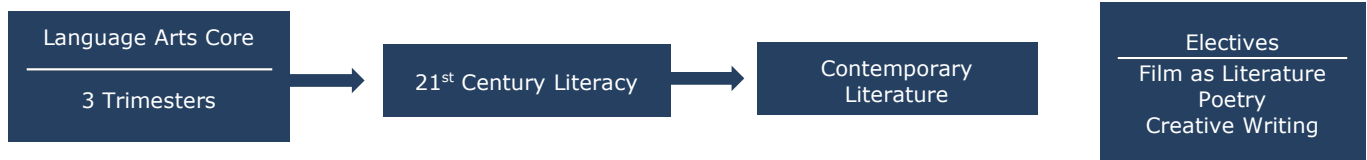
Credit: 1

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



Language Arts Core

Grade: 9-10

Prerequisite: None

Section A

LA113SLA1T

Credit: .5

Language Arts

This course centers on a novel that the students have some power to choose student's choice. Students take the skills developed in section A to another level by working in groups to read, discuss, and record their analysis of the novel. Students can expect to expand their knowledge of literary terms and keep a literary journal. At the end of the term, students will utilize technology to develop a book talk in order to share their learning over the course of the term.

Section B

LA113SLA2T

Credit: .5

Language Arts

This course is designed to assist students in building skills in Reading and Writing. The class goals include: (1) Examine content and plot structure function in literature - exposition, rising action, climax, falling action and resolution. (2) Identify, describe and use the following literary devices: narration, symbolism, foreshadowing, setting, mood, tone, point of view, dialogue, and characterization. (3) Write in personal narrative and imaginative modes using a variety of forms to express ideas appropriate to audience and purpose.

Section C

LA113SLA3T

Credit: .5

Language Arts

This is a debate course designed to demonstrate how strong debate skills can lead to strong argument writing

skills! This course focuses on writing skills by guiding students through debate, argument writing, critical thinking, and research. Students will learn the vocabulary and skills necessary to become successful communicators. Central to the course will be the development of claims supported with evidence and discussed through commentary. Topics will cover a variety of current world issues.

21st Century Literacy

Section A

LA144SLA1T

Section B

LA144SLA2T

Grade: 11

Prerequisite: LA Core

Credit: 1.0

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 21st 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.

Contemporary Literature

Section 1A LA142SLA1T

Section 1B LA142SLA2T

Grade: 12 *Need for Essential Skills*

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

This senior course focuses in on reading and writing skills taught in LA Core 1 and 21st 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 21st century.

Film as Literature LA502SLA9T

Grade: 10-12 Prerequisite: 1.5 Credits of ELA

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.

Poetry

LA517SLA9T

Grade: 10-12 Prerequisite: 1.5 Credits of ELA

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.

Creative Writing LA304SLA9T

Grade: 10-12 Prerequisite: 1.5 Credits of ELA

Credit: .5 Language Arts

In this course students will work on writing for self-expression and entertainment through the art of creative writing. Students will be challenged to try new and different approaches to writing both fiction and non-fiction in a wide variety of formats. They will workshop to compose their own pieces, look at other pieces to compare and draw inspiration from, and work to improve grammar and vocabulary.

Reading Workshop LA203SEL9T

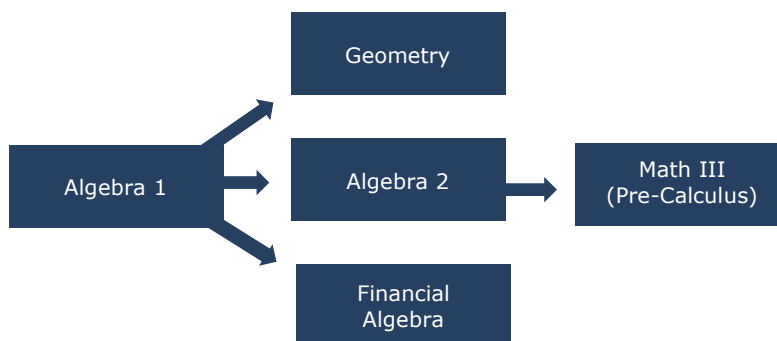
ELL students must be enrolled in this class.

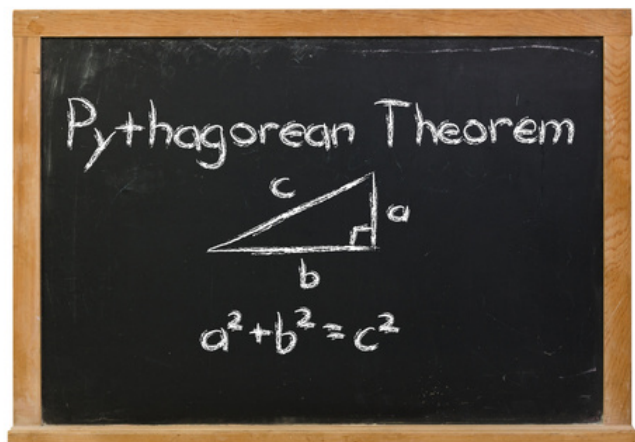
Grade: 9-11 Prerequisite: Teacher Placement

Credit: .5 Elective

This course focuses on the skills students need to meet the essential skill in reading. Students will practice reading in a variety of genres, and engage in discussions related to the readings. Emphasis will be placed on the Oregon common core reading standards for Demonstrating Understanding and Interpretation.

MATHEMATICS





Foundations of Algebra

Section 1A MA220SMA1T

Section 1B MA220SMA2T

Grades: 9-10 Prerequisites: Teacher Placement
Credit: 1.0 (2 Trimesters) Math

This course focuses on developing basic algebra skills, and problem-solving ability. Students will build skills in working with data and graphs, proportions, solving equations and inequalities, graphing linear equations, and basic number theory.

Algebra 1

Section 1A MA231SMA1T

Section 1B MA231SMA2T

Grades: 9-12 Prerequisites: None
Credit: 1.0 (2 Trimesters) Math

This course is an interactive approach to algebra. Math labs will give students the opportunity to experience algebra concepts while making math practical and relevant. This approach will solidify students' understanding of abstract topics by directly relating them to real-world issues that can be directly applied to careers in STEM fields, engineering, construction, and health occupations.

Algebra 2

Section 1A MA252SMA1T

Section 1B MA252SMA2T

Grades: 10-12 Prerequisites: Algebra 1 or equivalent
Credit: 1.0 (2 trimesters)

This course focuses on the application of mathematics and statistics to solve problems in fields such as engineering, construction, and applied sciences. In addition to interactive mathematical modeling problems, Applied Algebra II will also prepare students for Pre-Calculus or College Algebra.

Geometry

Section 1A MA240SMA1T

Section 1B MA240SMA2T

Grade: 9-12 Prerequisites: None
Credits: 1.0 (2 Trimesters) Math

This course introduces students to the technical applications of geometry, how to apply these concepts to real-world problems, and provides time to explore each topic thoroughly. Students will practice clear communication of mathematical results and how their solutions impact the world around them.

Financial Algebra

Section 1A MA259SMA1T

Section 1B MA259SMA2T

Grades: 10-12 Prerequisite: Algebra 1 or equivalent
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 111 – Pre-Calculus 1A, 1B, 1C

MA330SMA1T, MA330SMA2T, MA330SMA3T

Grades: 10-12
Prerequisites: Algebra 2 or Geometry
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.

PHYSICAL EDUCATION



Health 1 HE100SH19T

Grade: 9-12 Prerequisite: None
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 Prerequisite: Health 1 or teacher approval
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 Prerequisite: None
Credit: .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.

Physical Education 2 PE101SPE9T

Grade: 9-12 Prerequisite: None
Credit: .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.

Outdoor Recreation PE212SPE9T

Grade: 11-12 Prerequisite: PE
Credits: 1.0 (2 period block) PE

Outdoor Recreation focuses on making available the many outdoor activities found in Central Oregon. Students will have the opportunity to go fly fishing, tie flies, hiking, snowshoeing, mountain biking and more. The goal is to allow students to find an activity that they are passionate about for the rest of their lives.

Yoga & Meditation PE316SPE9T

Grade: 9-12 Prerequisite: None
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.

Basketball PE202SPE9T

Grades: 9-12 Prerequisite: None
Credit: .5 PE

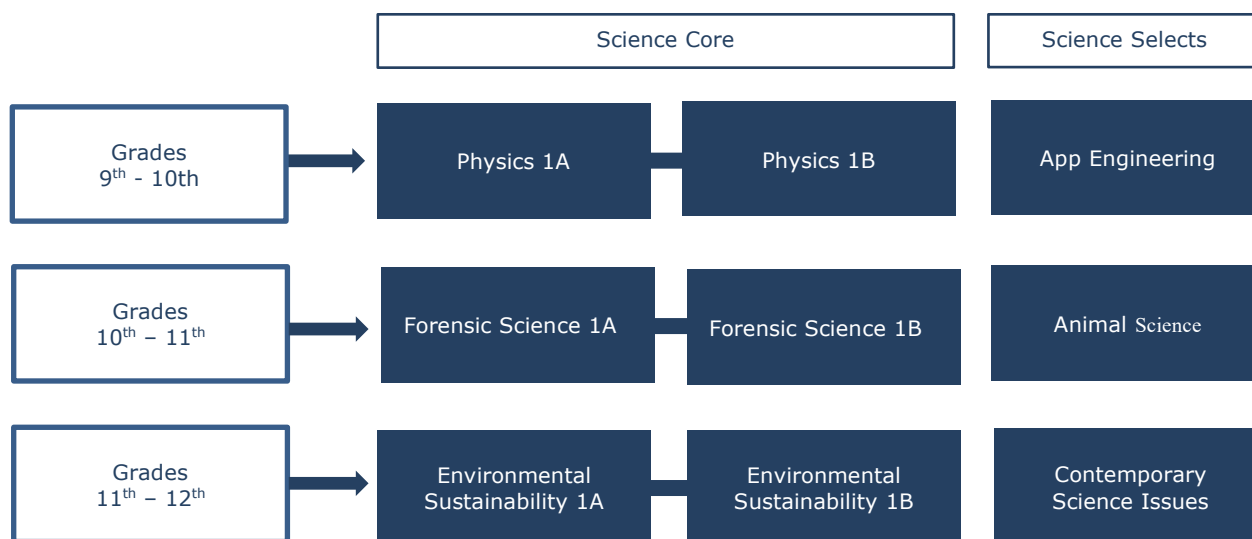
This class is for the general PE student who wants to learn to improve their fundamental basketball skills and fitness level. You'll learn the basic rules, as well as, offensive and defensive strategies. A variety of games and contests will be played for students to practice and improve their skills.

Club Fitness PE206SPE9T

Grades: 9-12 Prerequisite: None
Credit: .5 PE

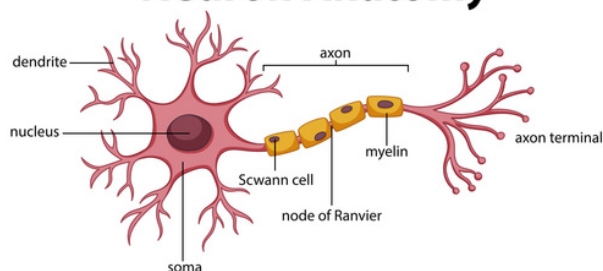
This class will provide a fitness club experience during the school day that incorporates the five components of health-related fitness. Students will learn to evaluate fitness while toning muscles, strengthening core, and developing a healthy and stress-reducing lifestyle. Activities may include kettle bells, bands, cross-training activities, weights, cardio and step.

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



Physics

Section 1A SC501SSC1T

Section 1B SC501SSC2T

Grade: 9-10 Prerequisites: Algebra
Credit: 1.0 (2 trimesters) Science

Section 1A: Learn the basic concepts of physics that are at work behind the phenomena we observe every day. You will explore the science behind motion and forces in the world around us.

Section 1B: This course will take you deeper into your physics studies. You will explore the science behind energy, light waves, sound waves, electricity and magnetism. The information in this course will be presented in a hands-on lab format. Information from this course will be applied to future engineering classes.

Forensic Science

Section 1A SC510SSC1T

Section 1B SC510SSC2T

Grades: 9-10 Prerequisites: None
Credit: 1.0 (2 trimesters) Science

Students play the role of real-life medical detectives as they collect and analyze medical data to diagnose disease. They solve medical mysteries through hands-on projects and labs, measure and interpret vital signs, dissect a sheep brain, investigate disease outbreaks, and explore how a breakdown within the human body can lead to dysfunction.

Environmental Sustainability

Section 1A SC263SSC1T

Section 1B SC263SSC2T

Grades: 11-12
Prerequisites: Chemistry or Instructor Approval
Credit: 1.5 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.

App Engineering SC451SSC9T

Grades: 9-10 Prerequisite: None
Credit: .5 Science

This class will expose students to computer science by computationally analyzing and developing solutions to

authentic problems through mobile app development, and will convey the positive impact of the application of computer science to other disciplines and to society. Students will customize their experience by choosing a problem that interests them from the areas of health, environment, emergency preparedness, education, community service, and school culture.

Animal Science SC611SSC9T
 Grades: 10-11 Prerequisite: None
 Credit: .5 Science
 In animal science students will explore the world of the animal kingdom through the lens of evolution over time. Students will explore characteristics of animal phyla developing an understanding of what unique characteristics help organisms to survive in various habitats. This course is very hands on. Students will be

developing questions and exploring through observation at both the microscopic world and the macroscopic world. There will be a heavy lab component in this course which will include dissections.

Contemporary Science Issues SC310SSC9T
 Grades: 11-12
 Credit: .5 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.

SOCIAL STUDIES



Social Studies Core

SS Core are courses designed to provide either world history or US history credit for students. Successful completion of the course will result in .5 credit wherever the student needs it.

Section A SS106SWS1T
 Grade: 9-11 Prerequisite: None
 Credits: .5 World or United States History
 Course content will cover both world and United States history from the Middle Ages through 1900. Regardless of what history credit you need (US or World) these Core classes will satisfy the requirement.

Section B SS106SWS2T
 Grade: 9-11 Prerequisite: None
 Credits: .5 World or United States History
 Course content will cover both world and United States history from 1900-1930's. Regardless of what history credit you need (US or World) these Core classes will satisfy the requirement.

Section C SS106SWS3T
 Grade: 9-11 Prerequisite: None
 Credits: .5 World or United States History
 Course content will cover both world and United States history from 1930's through present day. Regardless of what history credit you need (US or World) these Core classes will satisfy the requirement.

20th Century History & Film SS130SSS9T
 Grade: 10-12 Prerequisite: None
 Credit: .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.

World Issues

Section 1 SS161SSS1T

Section 2 SS161SSS2T

Grade: 12 Prerequisite: None

Credit: .5 per course Social Studies

This course is taught as a companion with an English Language Arts Technical Writing 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. This is a current events class with a global focus. We will go in-depth into current crises by investigating the historical background that contributed to current situations and comparing different perspectives of the same events through examination of worldwide news coverage. We will engage in debates and discussions to explore ethical dilemmas and controversial political decisions. Students will read newspapers, watch video coverage of world events, and will do some investigative reporting of their own.

Government SS110SGV9T

Grade: 11-12 Prerequisite: None

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.

Media and History

SS131SSS9T

Grade: 10-12

Prerequisite: None

Credit: .5

Social Studies

Students will learn and develop media literacy skills needed to be smart consumers of the media. Students are taught to think about what the media is, why the media behave the way they do, and how the society and media interact with each other.

Criminal Law

SS307SSS9T

Grade: 11-12

Prerequisite: None

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.

Mock Trial

SS139SSS9T

Grade: 9-12

Prerequisite: None

Credit: .5

Social Studies

This course is designed to introduce students to the use of legal reasoning and argument in the context of trial advocacy. A mock trial is an exercise where students, playing the roles of attorneys and witnesses for either the plaintiff/prosecution and defense, engage in a trial of a fictional civil or criminal case.



INDEX OF COURSES

21 st Century History & Film	26
21 st Century Literature	21
Algebra 1 & 2.....	23
Algebra – Foundations.....	23
Animal Science.....	16, 26
App Engineering	25
Art	18
Arts – Introductions to the.....	18
AVID	19
Basketball	24
Building Construction 2 & 3.....	15
Business – Introduction to	17
Business Management.....	17
Careers 1, 2 & 3.....	19
Central Oregon Youth Conservation Corps.....	20
Club Fitness.....	24
Construction Technologies – Introduction to	15
Contemporary Literature	21
Contemporary Science Issues	26
Creative Writing	22
Criminal Law.....	27
Design Lab – Introduction to.....	14
Drones.....	13
Drones – Advanced.....	14
EMBRACE	16
Engineering and Design – Introduction to	13
Entrepreneurship.....	17
Environmental Sustainability	25
Film as Literature	18, 22
Financial Algebra 1 & 2.....	23
First Aid/CPR/AED	16
Forensic Science.....	25
Geometry	23
Government	27
GPS / Tech Cartography	14
Health 1 & 2 (PE)	24
Health Occupations 1 & 2 (Careers)	16
Language Arts Core 1, 2 & 3	21
Marketing	17
Marketing – Advanced.....	17
Media and History.....	27
Military Science.....	19
Mock Trial	27
Outdoor Recreation.....	24
PE 1 & 2.....	24
Physics 1 & 2	25
Poetry.....	18, 22
Pre-Calculus (Math 111).....	23
Reading Workshop.....	22
Robotics	14
Robotics – Advanced.....	14
School-to-Career Internships	20
School-to-Career Work Experiences	20
Social Studies Core 1, 2 & 3.....	26
Solar and Alternative Energies.....	14
Sports Medicine.....	17
Video Production / Yearbook	18
Woodworking – Advanced.....	15
World Issues.....	27
Yoga and Meditation	18, 24