



Plotting a Course for the Future

Dayton Junior and Senior High School

Curriculum Guide

2023-2024

Dayton Junior and Senior High School

Showing heart and developing minds through....

Rigor

Doing our best

Expecting outstanding results

Demonstrating academic/personal excellence

Relevance

Doing what's right

Preparing for tomorrow, today

Discovering what matters

Connecting learning to interests

Relationships

Treating others as we want to be treated

Demonstrating fairness

Respecting what others value

Adopted by DHS Site Council – April 21, 2005

Our Vision

Formed through GRIT and INTEGRITY -
ENGAGING to create our future.

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Introduction

Welcome to the Dayton High School Curriculum Guide. We hope you will be able to use this tool to learn more about the courses offered, how a four-year plan should look, and some general policies and information about the high school. The curriculum guide is a valuable resource, so we recommend that you keep it for your records. In it you can find what the graduation requirements are, which classes count toward those credits, and which classes you can take in which years (Freshman, Sophomore, Junior, Senior). Not every course in this catalog is offered every year. Please refer to your forecasting / planning sheet to see which classes are going to be offered next year. If you have any questions, at any time, feel free to contact the school to make an appointment with the counselor. We are here to help you and your students have a successful high school career, find their passion and help them pursue it. We hope this curriculum guide will help you and your student in ‘plotting a course for the future.’

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Using this Catalog

This Course Catalog is designed to help you make wise selections from the courses offered at Dayton Junior and Senior High School. Take the time to review the Course Catalog carefully.

The following are some helpful hints as high school students prepare to forecast for the 2020-2021 school year.

1. It is important to review the requirements for the Dayton Diploma.
2. Every Dayton graduate must:
 - a. Earn the minimum credits by categories for the diploma type.
 - b. Meet the Essential Skill proficiency requirements in reading, writing, and mathematics.
 - c. Meet the personalized learning requirements by completing a Personalized Education Plan (PEP) which includes a resume and Career Related Learning Experience reflection.
3. All 9th, 10th, and 11th grade students must enroll in 7 classes per semester. Release periods are not permitted.
4. All 12th grade students must enroll in at least 5 credited classes per semester. No middle of the day release periods will be allowed. Students seeking release periods must be on track for graduation.
5. Choose your electives and other courses carefully, ask for help and guidance. When you sign up for courses, you are making your selection for the entire year and the master schedule is built around your requests.
6. Students should check their course requests and credits against admission requirements for colleges and universities to make sure that they will meet the standards for admission.

When Forecasting for next year high school students, please keep in mind:

- **Not all courses are offered each semester.**
- Courses are divided into two types; required by category and elective. Required courses are those students must pass to meet the State of Oregon and Dayton High School core requirements for graduation. Elective courses are designed to build skills in areas of study that meet the student's need for vocational and college admission, as well as the pursuit of individual interests; a certain number of electives are required for graduation as well.
- If a student has earned all the number of required credits in a category, and they take an additional class in that category, the credits will be tracked as elective credits.

Graduation Requirements and Diploma Types

- Each class at Dayton High School is worth .5 credits (as long as the student is here for the whole term).
- Most students will take 7 classes in a semester, so they can earn 3.5 credits; with 2 semesters in a year, students can earn 7.0 credits in a school year.
- Students are required to have a specific number of credits in specific categories in order to graduate. Those credits are listed below.

DHS Standard Dayton Diploma Class of 2025 and beyond		DHS Standard Dayton Diploma Class of 2024 and prior	
Courses	Required	Courses	Required
Language Arts	4 Credits (LA)	Language Arts	4.0 credits (LA)
Math	3 Credits (MA)	Math	3.0 credits (MA)
Science	2 Credits (SC)	Science	3.0 credits (SC)
Advanced Science	1 Credit (AS)	Social Studies	3.0 credits (SS)
Geography	.5 Credit (GE)	Physical Education	1.0 credit (PE)
U.S. History	1 Credit (US)	Health	1.0 credit (HE)
Government	.5 Credit (GV)	Second Language	2.0 credits (SL)
Economics	.5 Credit (EC)	Career/Tech & Arts	2.0 credits (CF)
Social Sciences	.5 Credit (SS)	Electives	8.0 credits (EL)
Physical Education 1	.5 Credit (P1)		
Physical Education 2	.5 Credit (P2)		
Health	1 Credit (HE)		
Second Language	2 Credits (SL)		
Career Tech	1 Credit (CT)		
Fine Arts	1 Credit (FA)		
Electives	8 Credits (EL)		
	27 Credits		27 Credits

For the Honors Diploma, students must also meet the following criteria:

- Class of 2023-2024-Earn 1.0 credit of Dual-Credit/Honors offerings at Dayton HS
- Class of 2025 and beyond-Earn 2.0 credit of Dual-Credit/Honors offerings at Dayton HS
- Have a cumulative GPA of 3.50 or better
- Earn B's or better in all core classes (Language Arts, Math, Science, Social Studies, Second Language)
- Meet or exceed all state-wide assessments required by the State of Oregon.

Schedule Change Policy

Students are advised to plan ahead and forecast carefully. A significant amount of time and effort is devoted to giving students their first-choice electives. Students are expected to take and complete the classes they have requested.

- PLEASE CHOOSE CAREFULLY
- If you participate in OSAA Sports you need to be registered for a minimum of 5 classes
- Students who do not complete forecasting will have classes chosen for them.
- Schedule changes will be considered during the first two weeks of each semester for the following reasons only:
 - *Student needs required class for graduation*
 - *Student was placed at inappropriate course/skill level*
 - *Student has an incomplete schedule*
 - Schedule changes will not be made for changing unwanted electives.

All schedule change requests must be made prior to the first day of the semester. The purpose of setting this time frame is to allow students to begin their classes without interruption on the first day of school. Classroom attendance is especially crucial during the first three weeks of each semester because teachers review classroom expectations, rules and course information while providing students with the background in the subject matter necessary for students to be successful during the semester.

However, we realize that in special circumstances students may require a schedule change after the beginning of the semester. For those special circumstances, we have allowed a three-week grace period before the cut-off date.

1.0 Procedure for Dropping Classes Prior to the Cut-Off-Date

- 1.1 Students may drop and/or add classes prior to the cut-off date through their counselors. No form or parental permission is needed unless specified by a counselor. In these instances, the form must be completed in order to change these specific classes.
- 1.2 Counselors will give studied consideration to each request. A completed request form does not guarantee a schedule change. Factors such as class size, availability of classes and/or appropriate placement supersede the request.
- 1.3 Students are allowed a three-week grace period at the beginning of each semester to make necessary schedule changes without an F grade penalty.

*2.0 Consequences of Dropping Classes After the Cut-Off Date

- 2.1 Students who request to drop a class after three weeks will receive a failing grade.
- 2.2 The grade of "F" will be placed on the transcript at the end of the semester and will be averaged into the student's grade point average.
- 2.3 The final semester grade report will list the class and indicate the failing grade.

3.0 Procedure for dropping a Class After the Cut-Off Date

- 3.1 Students need to make an appointment with their counselor to request dropping a class.
- 3.2 Students will fill out the schedule change request completely, which includes securing all signatures. Students then need to return the completed form to the Guidance Center.
- 3.3 Students must continue with their current schedule until they receive a new one.

4.0 Procedure for Appealing a Denied Request

4.1 According to District Policy, if the student does not agree with the decision of the teacher or the counselor, the student may appeal to the principal. The principal shall investigate the challenge, consult with the teacher and counselor and make a final decision. To begin this process, please make an appointment with the Curriculum Assistant Principal in the Counseling Center.

5.0 REPEATING A COURSE TO IMPROVE A GRADE

In order to maximize real academic learning, students who wish to retake a course to improve a grade must do so within one academic year. If a student requests to repeat a course for this reason, it should be repeated in sequence.

Dual Credit / College Credit Now(CCN)

Dual Credit or College Credit Now (CCN) is the opportunity for high school students to earn college credit while still in high school. A qualified instructor provides content aligned with college coursework through partnerships with regional post-secondary institutions, Willamette Promise, Chemeketa Community College and Linn Benton Community College. Upon completion of the course, students can earn both high school credit as well as college credit that is reflected on a transcript from the post-secondary institution.

Chemeketa Community College's College Credit Now

Dayton High School is pleased to offer opportunities for students to earn college credit at a reduced cost through Chemeketa Community College's College Credit Now (CCN) Program. CCN courses are taught by Dayton High School teachers who have attained enough graduate credits to teach at the college level. Students are then able to take these courses on site, at the high school. If students are not able to pay the tuition for the college credit, they should see the counselor so that arrangements can be made. **Enrollment through Chemeketa is required to earn college credit for these classes.**

Linn-Benton Community College Credits

A partnership has been developed between Dayton High School and Linn-Benton Community College to offer college credit for some of our agriculture classes.

PLEASE NOTE: These courses are not for direct credit—rather, students work with the teacher near graduation to apply for all credits at once. There are two reasons for this: first, they pay one small fee for all credits, and second, it allows the instructor to evaluate student progress over time, rather than evaluating in a single semester. The student has the potential to earn college credit in the following courses. If you have further questions, please contact the agriculture teacher.

Willamette Promise

Willamette Promise is a program coordinated through the Willamette Education Service District (WESD) to support career and college readiness, and provide proficiency-based dual credit opportunities. Western Oregon University (WOU) has partnered with WESD to facilitate proficiency-based dual credit opportunities for high school students who participate in Willamette Promise. Students who achieve proficiency will receive credit from WOU. If you wish to print a transcript, they will be held at the WOU Admissions Office on the Monmouth campus.

NCAA Athletic and Scholarship Eligibility

As a prospective student athlete at Division I or II institution, students have certain responsibilities to attend to before they may participate. Information concerning who needs to register with the NCAA clearinghouse and what documents should be submitted can be found in "The Guide for College-Bound Student Athletes" at www.ncaaclearinghouse.org.

** Not all courses offered at Dayton High School are NCAA Approved

NCAA Division I requires 16 core courses:

- 4 years of English
- 3 years of Mathematics (Algebra 1 or higher)
- 2 years of Natural/Physical Science (one must be a lab science)
- 1 year of additional English, Math, or Science
- 2 years of Social Studies
- 4 years of additional core courses (from any above area or foreign language)

NCAA Division II requires 16 core courses:

- 3 years of English
- 2 years of mathematics (Algebra 1 or higher)
- 2 years of additional English, Math or Natural/Physical Science
- 3 additional years of English, Math or Natural/Physical Science
- 2 years of social science
- 4 years of additional courses (from any area listed above or foreign language)

All Dayton courses that are approved by the NCAA will have the logo in the course description.



Testing Dates for 2022-2023

ALL DATES ARE TBA

SAT – The Scholarship Aptitude Test (SAT) is published by the College Board and is used to assess college readiness. Visit collegereadiness.collegeboard.org/sat to learn more and to register. Anticipated dates:

Test Date	Normal Registration	Late Registration	Score Release
August 29, 2020	July 31, 2020	August 11, 2020	September 11, 2020
October 3, 2020	September 4, 2020	September 15, 2020	October 16, 2020
November 7, 2020	October 9, 2020	October 20, 2020	November 20, 2020
December 5, 2020	November 6, 2020	November 17, 2020	December 18, 2020
March 13, 2021	February 12, 2021	March 3, 2021	Not released as of this printing
May 8, 2021	April 2, 2021	April 21, 2021	Not released as of this printing
June 5, 2021	May 7, 2021	May 26, 2021	Not released as of this printing

ACT – The American College Testing (ACT) is a composite, standardized test in four skill areas; English, Mathematics, Reading, and Science. Visit www.act.org to learn more and register. Anticipated dates are:

Test Date	Deadline	Late Deadline	Score Release Online*
September 12, 2020	August 7, 2020	August 21, 2020	September 22, 2020 October 6, 2020
October 24, 2020	September 20, 2020	October 4, 2020	November 3, 2020 November 17, 2020
December 12, 2020	November 6, 2020	November 20, 2020	December 22, 2020

			January 5, 2021
February 6, 2021	January 8, 2021	January 15, 2021	February 16, 2021 March 1, 2021
April 17, 2021	March 5, 2021	March 19, 2021	April 20, 2021 May 4, 2021
June 12, 2021	May 7, 2021	May 21, 2021	June 22, 2021 July 6, 2021
July 17, 2021	June 11, 2021	June 25, 2021	July 27, 2021 August 10, 2021

Academic Courses

High School

Agricultural Courses

Introduction to Ag. and Natural Resources A (formerly Beginning Ag.)

Graduation requirement credit: Career/Technical (CT/CF/ or EL)

Grade level: 9, 10, 11,12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: Students will develop basic skills in all aspects of agriculture, including crops, livestock, sales, equipment management, and operation. Cannot take more than once. (1 semester)

Introduction to Ag. and Natural Resources B (formerly Beginning Ag.)

Graduation requirement credit: Career/Technical (CT/CF/ or EL)

Grade level: 9, 10, 11,12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: Students will continue to develop basic skills in all aspects of agriculture, including crops, livestock, sales, equipment management, and operation. Cannot take more than once. (1 semester)

Advanced Comprehensive Agriculture A (formerly Advanced Ag.)

Graduation requirement credit: Career/Technical (CT/CF/ or EL)

Grade level: 9, 10, 11,12

Credit: 0.5

Prerequisite: Introduction to Ag. and Natural Resources or Teacher Approval

CCN: Yes (Linn-Benton)

Course description: Building on the skills learned in Beginning Agriculture I and/or II, students focus on in-depth animal science and crop science, with topics varying, depending on term/time of year. (1 semester)

Advanced Comprehensive Agriculture B (formerly Advanced Ag.)

Graduation requirement credit: Career/Technical (CT/CF/ or EL)

Grade level: 10, 11,12

Credit: 0.5

Prerequisite: Introduction to Ag. and Natural Resources or Teacher Approval

CCN: Yes (Linn-Benton)

Course description: Building on the skills learned in Beginning Agriculture I and/or II, students focus on in-depth animal science and crop science, with topics varying, depending on the time of year. (1 semester)

Horticultural Science A

Graduation requirement credit: Career/Technical & possibly Science (CT/CF/ or EL & AS/SC)

Grade level: 9, 10, 11,12

Credit: 0.5

Prerequisite: None

CCN: Yes (Linn-Benton)

Course description: THIS COURSE IS ONLY OFFERED SEMESTER 2. Students will develop advanced skills in the areas of plant growth and development, plant propagation, fertilizers and plant growing media. Students will have individual projects in starting plants and greenhouse facility operation and maintenance. A science credit is also available for this course given the successful completion of the requirements in the CTE/Science Equivalency Documentation. This includes a review of evidence by both a CTE and science teacher. (1 semester)

Horticultural Science B

Graduation requirement credit: Career/Technical & possibly Science (CT/CF/ or EL & AS/SC)

Grade level: 9, 10,11,12

Credit: 0.5

Prerequisite: None

CCN: Yes (Linn-Benton)

Course description: THIS COURSE IS ONLY OFFERED SEMESTER 2. Students will develop advanced skills in the areas of plant growth and development, plant propagation, fertilizers and plant growing media. Students will have individual projects in starting plants and greenhouse facility operation and maintenance. A science credit is also available for this course given the successful completion of the requirements in the CTE/Science Equivalency Documentation. This includes a review of evidence by both a CTE and science teacher. (1 semester)

Horticultural Science Independent Study

Graduation requirement credit: Career/Technical (CT/CF/ or EL)

Grade level: 11,12

Credit: 0.5

Prerequisite: Teacher approval and/or prior agriculture class.

CCN: Yes (Linn-Benton)

Course description: THIS COURSE IS ONLY OFFERED SEMESTER 2. This course involves working in the Dayton High School greenhouse. It is a school-enterprise that makes over \$20,000 per year. Students will be assigned different jobs and be required to keep track of activities, update resumes, and be involved with the sale of greenhouse plants. Students could also potentially work in the tissue culture lab. (1 semester)

Ag. Mechanics, Equipment & Structures (formerly Mechanics)

Graduation requirement credit: Career/Technical (CT/CF or EL)

Grade level: 9, 10, 11,12

Credit: 0.5

Prerequisite: None

CCN: Yes (Linn-Benton)

Fee: \$15.00

Course description: Students will learn all aspects of operation, maintenance, and repair of various types of equipment (small and large). Welding is a major part of this course, as students will learn to perform oxy-acetylene, arc, wire-feed, and tig welding. (1 semester)

Popular Topics in Mechanics & Restoration (formerly Metal Art)

Graduation requirement credit: Fine Arts (CT/CF or EL)

Grade level: 9,10,11,12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: This course examines specific topics related to agricultural mechanics and construction, such as specific vehicles or structures, and provides a general study of mechanics and construction techniques with elements of art included. (1 semester)

Natural Resources Management A

Graduation requirement credit: Career/Technical & possibly Science (CT/CF/ or EL & AS/SC)

Grade level: 10, 11,12

Credit: 0.5

Prerequisite: Introduction to Ag. and Natural Resources

CCN: Yes (Linn-Benton)

Course description: THIS COURSE IS ONLY OFFERED SEMESTER 2. This course involves considerable work with the nature trails here in Dayton. Students will study the ecosystems, perform maintenance and construction on the trails, and learn and execute appropriate plant mitigation, resulting in the removal of some plants to make room for native plants. A science credit is also available for this course given the successful completion of the requirements in the CTE/Science Equivalency Documentation. This includes a review of evidence by both a CTE and science teacher. (1 semester)

Natural Resources Management B

Graduation requirement credit: Career/Technical & possibly Science (CT/CF/ or EL & AS/SC)

Grade level: 10, 11,12

Credit: 0.5

Prerequisite: Introduction to Ag. and Natural Resources

CCN: Yes (Linn-Benton)

Course description: THIS COURSE IS ONLY OFFERED SEMESTER 2. This course expands on the work done in Natural Resources I and will continue working on the nature trails here in Dayton. Students will continue to study the ecosystems, perform maintenance and construction on the trails, and learn and execute appropriate plant mitigation, resulting in the removal of some plants to make room for native plants. A science credit is also available for this course given the successful completion of the requirements in the CTE/Science Equivalency Documentation. This includes a review of evidence by both a CTE and science teacher. (1 semester)

Hydroponics/Tissue Culture (formerly Tissue Culture)

Graduation requirement credit: Career/Technical & possible Science (CT/CF/ or EL & AS)

Grade Level: 11,12

Credit: 0.5

Prerequisite: Introduction to Ag. and Natural Resources

CCN: Yes (Linn-Benton)

Course description: THIS COURSE IS ONLY OFFERED SEMESTER 1. Students will study and practice varying levels of plant propagation. Some activities include studying plants at a genetic level, learning chemical components for successful and optimal plant growth, and growing plants in test tubes. Also, students could work on growing plants, vegetables, etc. in a water environment, learning production of these plants from seeding to sale. A science credit is also available for this course given the successful completion of the

requirements in the CTE/Science Equivalency Documentation. This includes a review of evidence by both a CTE and science teacher. (1 semester)

Independent Ag Leadership

Graduation requirement credit: Career/Technical (CT/CF/ or EL)

Grade level: 11,12

Credit: 0.5

Prerequisite: teacher approval, prior agriculture class

CCN: Yes (Linn-Benton)

Course description: Students will learn how to set goals, work towards accomplishing them and evaluating their success. Students will work on FFA Career Development Events and individual activities which could include Public Speaking, Science Fair Projects, Tissue Culture, and other Leadership Development Events in the FFA. Students can also decide on individual activities to work on during the Semester. (1 semester)

Advanced Ag. Mechanics & Restoration

Graduation requirement credit: Career/Technical (CT/CF/ or EL)

Grade Level: 11-12

Credit: 0.5

Prerequisite: Introduction to Ag. and Natural Resources

CCN: No

Course description: These courses examine specific topics related to agricultural mechanics and construction, such as specific vehicles, rather than provide a general study of mechanics and construction techniques. (1 semester)

Ag. Machining & Technology

Graduation requirement credit: Career/Technical (CT/CF/ or EL)

Grade Level: 9,10,11,12

Credit: 0.5

Prerequisite: Introduction to Ag. and Natural Resources

CCN:

Course description: Agriculture Mechanics and Equipment courses provide students with the engineering, power, and mechanical technology principles, skills, and knowledge that are specifically applicable to the agricultural industry. Typical topics include the operation, maintenance, and repair of power, electrical, hydraulic, pneumatic, renewable, wind, solar, and mechanical systems. (1 semester)

Soil Science

Graduation requirement credit: Career/Technical & possible Science (CT/CF/ or EL)

Grade Level: 9,10,11,12

Credit: 0.5

Prerequisite: Introduction to Ag. and Natural Resources

CCN: none

Course description: Soil Science involves the study of soil properties, including soil chemistry, biology, fertility, mineralogy, and hydrology. Topics covered may also include soil conservation, irrigation, soil genesis, soil surveys, and management. (1 semester)

Animal Production/Science

Graduation requirement credit: Career/Technical (CT/CF/ or EL)

Grade Level: 9,10,11,12

Credit: 0.5

Prerequisite: Introduction to Ag. and Natural Resources

CCN: none

Course description: Animal Production/Science impart information about the care and management of companion and farm animals. These courses may cover animal nutrition, health, behavior, selection, reproduction, anatomy and physiology, facilities, product processing, research, qualitative and quantitative analyses as a basis for decision making, and marketing. Students may study a particular species, or they may learn how to care for and maintain livestock as a more inclusive study.
(1 semester)

Equine Science

Graduation requirement credit: Career/Technical (CT/CF/ or EL)

Grade Level: 9,10,11,12

Credit: 0.5

Prerequisite: Introduction to Ag. and Natural Resources

CCN: none

Course description: Equine Science focuses on the care and management of horses. Animal nutrition, health, behavior, reproduction and breeding, anatomy and physiology, use of qualitative and quantitative analyses for decision making, facilities, handling and training, and grooming are typical areas of study
(1 semester)

Food Product Processing

Graduation requirement credit: Career/Technical (CT/CF/ or EL)

Grade Level: 9,10,11,12

Credit: 0.5

Prerequisite: Introduction to Ag. and Natural Resources

CCN: none

Course description: Food Product Processing impart the knowledge and skills needed to produce and manufacture food products for the consumer market. These courses focus on food products while covering a variety of topics, such as quality selection and preservation, equipment care and sanitation, government regulations, marketing, consumer trends, and product research and development.
(1 semester)

BUSINESS COURSES

Introduction to Business

Graduation requirement credit: Career/Technical (CT/CF or EL)

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: None

CCN: none

Course description: Introduces the inter-relationships of business, government, and society. In this overview course, we learn about economics, leadership, marketing, business plans, entrepreneurship, international business, government regulation, the banking system, etc. This class will incorporate FBLA. (1 semester)

Business Exploration

Graduation requirement credit: Career/Technical (CT/CF or EL)

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: Introduction to Business

CCN: none

Course description: Continue content from Introduction to Business and continue on with an emphasis on economics and personal finance skills. This class will incorporate FBLA. (1 semester)

Accounting I

Graduation requirement credit: Career/Technical (CT/CF or EL)

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: Introduction to Business

CCN: none

Course description: Learn the process of planning, recording, analyzing, and interpreting financial information for a sole proprietorship in Accounting I. Learn how to keep the books for your small business, i.e., record transactions, post to a ledger, control your cash, etc. (1 semester)

Marketing and Hospitality

Graduation requirement credit: Career/Technical (CT/CF or EL)

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: Introduction to Business

CCN: none

Course description: Studies how marketing activities direct the flow of goods and services from product to consumer in the hospitality industry. Covers satisfaction of customer's needs and wants, nature of marketing, sequential steps in marketing, the key role of marketing, etc. (1 semester)

Cooperative Work Experiences

Graduation requirement credit: Career/Technical (CT/CF or EL)

Grade level: 11,12

Credit: 0.5

Prerequisite: Counselor and Teacher approval, students must have a job with social security taken out. Students must have their own transportation

CCN: none

Course description: This program allows students to receive school credit for work. Students are supervised through structured workplace agreements with employers. Students will earn .5 elective credit for this course when 130 hours have been verified by the School to Work Coordinator and all paperwork is completed. A maximum of two credits during your high school experience is available. (1 semester)

ART COURSES

Introduction to Art

Graduation requirement credit: Fine arts (FA/CF/ or EL)

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: This class is a prerequisite for the majority of art classes.

CCN: No

Course description: Students become familiar with the basic “ingredients” of art making, the elements, and principles by applying them to various projects throughout the semester. Students will have experiences with two and three dimensional projects and have the chance to develop a personal form of visual expression. Class is a prerequisite to all other art classes in high school. (1 semester)

Advanced Art

Graduation requirement credit: Fine Arts (FA/CF or EL)

Grade level: 9,10,11,12

Credit: 0.5

Prerequisite: Introduction to Art

CCN: No

Course description: This course is for students who want an opportunity to advance to a higher level of understanding and skill development in the two-dimensional and three-dimensional areas of art. Advanced Art builds upon the skills and knowledge learned in Intro to Art. Stronger emphasis is placed on composition and the creation of original artworks for portfolios. Students will be expected to express their ideas in a variety of styles and methods. Students will be required to participate in class discussion, discuss works of art, critique a formal work of art, and create projects that illustrate these styles. (1 semester)

3-D Sculpture

Graduation requirement credit: Fine Arts (FA/CF or EL)

Grade level: 9,10,11,12

Credit: 0.5

Prerequisite: Introduction to Art

CCN: No

Course description: This advanced course will continue to build on the knowledge gained in Intro to Art and increase students' understanding of why artists create. Students will further develop skills in sculpture assemblage, ceramics, and visual problem-solving. Students will broaden their visual art and descriptive vocabularies as they pertain to three-dimensional works. Through individual and group inquiry and art creation, students will increase their knowledge of sculpture media and techniques, art history, visual culture, and the value of art in our community. (1 semester)

Ceramics

Graduation requirement credit: Fine Arts (FA/CF or EL)

Grade level: 9,10,11,12

Credit: 0.5

Prerequisite: Introduction to Art

CCN: No

Course description: This class will focus on hand-building with clay and throwing on the pottery wheel. You will begin by increasing your knowledge of the different types of clay and recycling as well as ceramic studio

expectations. We will gradually work into using pottery wheels as you feel ready. Also, you will learn about a kiln, why we need it, and how it works. By the end of the course, you will know how to create slab pots, basic sculptures, and how to throw on a pottery wheel to create pots, bowls, and mugs. You will also learn the process of glazing. (1 semester)

Altered Books

Graduation requirement credit: Fine Arts (FA/CF or EL)

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: Introduction to Art

CCN: No

Course description: In Altered Books, you will revitalize an old book and learn how to begin the altering process, by breathing new and personal life into the pages. Over the course of the semester, you will transform a discarded book into a creative work of art that encompasses a personal theme and utilizes a variety of media and techniques. We will focus on many methods of altering, including incorporating embellishing, painting, folded pages, niches, and more. (1 semester)

Innovation Courses

All Innovations classes are on hold until 23-24

Innovations 101

Graduation requirement credit: Career/Technical (CT/CF or EL)

Grade level: 9, 10, 11,12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: Innovations provides students with an introduction into computer science, engineering and design thinking. Students will code a computer game, a cellphone app, learn to wire up and program circuits, and also create custom shoe soles by casting and molding or developing electronic textiles. Access to engineering software is granted upon signing up for this course. Students have access to utilizing 3D printers for school projects. (1 semester)

Innovations 102

Graduation requirement credit: Career/Technical (CT/CF or EL)

Grade level: 9, 10, 11,12

Credit: 0.5

Prerequisite: Innovations 101

CCN: No

Course description: Students will review and learn how to independently operate 3D printers, Laser engraving machines, UV printers, CNC Plasma cutter, CNC wood router, and the design process to create designs and plans to bring their own advanced projects to life. The first four weeks will be review, design drawing, safety, and project planning/management. (1 semester)

Advanced Innovations

Graduation requirement credit: Career/Technical (CT/CF or EL)

Grade level: 9, 10, 11,12

Credit: 0.5

Prerequisite: Innovations 102

CCN: No

Course description: Advanced innovations students are able to pursue their own projects. Make a snowboard, obtain a drone license, learn to use the plasma CNC, start a business, build a website, learn to use photoshop, the options are endless. Throughout the semester the student can choose to work on a single project, idea or complete as many as possible. The student will learn to document and report on their project progress utilizing professional tools. Imagine what a student can accomplish or learn with an hour to pursue his/her very own passions everyday at school. (1 semester)

Media/Production

Graduation requirement credit: Career/Technical (CT/CF or EL)

Grade Level: 9, 10, 11,12

Credit: 0.5

Prerequisites: None

CCN: No

Course Description: Media/Production students will learn how to film, edit, and create a variety of multimedia projects as well as the basic principles of photography. Projects include creating your own music video, short film, stop motion animation, and a photography portfolio as your final project. (1 semester)

Robotics

Graduation requirement credit: Career/Technical (CT/CF or EL)

Grade Level: 9,10,11,12

Credit: 0.5

Prerequisites: None

CCN: No

Course Description: In this class students will use robotics to explore the fundamentals of engineering and electronics. The course will include lectures on the principles of engineering, physics, electronics, mechanics, and computer programming. Laboratory experiments will require students to build simple robots to demonstrate these principles. (1 semester)

MUSIC COURSES

Band

Graduation requirement credit: Fine Arts (FA/CF or EL)

Grade level: 9,10,11,12

Credit: 1.0

Prerequisites: Completion of JH Band or requires director approval

CCN: No

Course description: This is a year-long class that serves 9th-12th grade students who wish to improve their musical skills. The High School Band plays at all home football games, 6-8 basketball games, and 3-4 concerts. They will also participate in 2-3 band festivals a year. The Band also performs for graduation and May court ceremonies. (1 year)

Choir

Graduation requirement credit: Fine Arts (FA/CF or EL)

Grade level: 9,10,11,12

Credit: 1.0

Prerequisite: None

CCN: No

Course description: In this year-long class, students will strengthen their singing skills, practice reading music using solfege, and take part in performing a variety of choir repertoire. Semester 1 will focus on developing good vocal technique and improving our ability to sing as a well-blended group. Semester 2 will build on skills learned in Semester 1. During Semester 2, the group will travel to choir festivals and perform in front of judges, gaining valuable constructive feedback. (1 year)

Social Dance

Graduation requirement credit: Fine Arts (FA/CF or EL)

Grade level: 9,10,11,12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: Social dance is a semester-long elective class that focuses on teaching the dances that make up social dancing or partner dancing. You can think of 'Dancing with the Stars' if it helps. The dances that will be learned in the class include the Salsa, Cha-Cha, Waltz, Two-Step, Night Club, Tango, and West Coast Swing. There are no prerequisites for taking the class, but a balanced class of **leads** and **follows** is always desired and helps learning the dances go faster. (1 semester)

Music Exploration

Graduation requirement credit: Fine Arts (FA/CF or EL)

Grade level: 10,11,12

Credit: 0.5

Prerequisites: None

CCN: No

Course description: Music exploration is a semester-long class that goes deeper into the language of music. Students will learn the building blocks of music and improve their understanding of concepts such as: Pitch, Rhythm, Scales, Chords, Musical Forms and Structures, Rhythmic/Melodic/Harmonic Dictation, and many other elements that makeup music. The ultimate goal of the class will be to instill music knowledge that will provide a foundation for students to compose and appreciate music. (1 semester)

FOREIGN / SECOND LANGUAGES

Spanish I A & B

Graduation requirement credit: Second Language (SL or EL)

Grade level: 9, 10, 11

Credit: 1.0

Prerequisite: None

CCN: No

Course description: Spanish I will provide the student with a general introduction to the Spanish language: sound system, pronunciation, functional vocabulary related to everyday life, cultural information and basic grammatical structures. Emphasis will be on the acquisition of four skills: listening, speaking, reading, and limited writing. There are two main objectives to the course. Foremost is to give the students the ability to carry on a simple conversation. The second is to provide the students with instruction that teaches a basic understanding of Spanish culture, vocabulary, and grammatical concepts. (1 year)

Spanish II A & B

Graduation requirement credit: Second Language (SL or EL)

Grade level: 10, 11, 12

Credit: 1.0

Prerequisite: Spanish 1 or instructor approval upon completion of placement test

CCN: No

Course description: Spanish 2 builds upon knowledge gained in Spanish 1. This course will also reinforce the skills learned in Spanish I: listening, speaking, reading, and writing. Emphasis is on perfecting pronunciation, mastery of the basic grammatical structures, and increased communicative proficiency. Acquisition of functional vocabulary is expected. Students will be exposed to the past and future tenses. Students will be expected to apply them in their writing and speaking. (1 year)

Spanish III A & B

Graduation requirement credit: Second Language (SL or EL)

Grade level: 11, 12

Credit: 1.0

Prerequisite: Spanish I and Spanish II

CCN: No

Course description: Students continue to improve proficiency in speaking, listening, reading and writing in Spanish, with increased emphasis on conversational skills, while expanding vocabulary and learning new grammar structures. Speaking and writing tasks are performed on a variety of topics, and students continue to expand their understanding of Spanish-speaking cultures. Themes this year include medical situations, the environment, travel/transportation, health and wellness, professions, and the arts and entertainment. ACTFL Intermediate Low proficiency is the goal by the end of the year. (1 year)

HEALTH & PHYSICAL EDUCATION COURSES

Health I

Graduation requirement credit: Health (HE)

Grade level: 9, 10

Credit: 0.5

Prerequisite: None

CCN: No

Course description: The class will be a hybrid class of online and in-depth projects. Topics to be taught during this class are as follows; sexual health, emotional health, mental health, and goals setting around these topics. (1 semester)

Health II

Graduation requirement credit: Health (HE)

Grade level: 11, 12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: This course is similar to Health I, it is a hybrid of online and in-depth projects. Topics to be explored are: sexual health, sexually transmitted diseases, mental health and how to access services pertaining to mental health, and society's impact on health-related topics. (1 semester)

Medical Terminology

Graduation requirement credit: Career/Fine Arts (CF), Career Tech (CT), Elective (EL)

Grade level: 10, 11, 12

Credit: 0.5

Prerequisite: Health I

CCN: Yes (Chemeketa Community College)

Course description: This course is designed to introduce you to medical terminology and language – the technical language of medicine. With medical terminology, you will learn to identify word root/combining forms, prefixes, and suffixes then use them to analyze and build medical terms. Emphasis will be placed on meaning, correct spelling, and pronunciation of medical terms. This will assist you in preparing for medical communication in one of the vast array of occupations now available in the healthcare industry. (1 semester)

Health Services I

Graduation requirement credit: Career Fine Arts (CF), Career Tech (CT), Elective (EL)

Grade level: 10,11,12

Credit: 0.5

Prerequisite: Health I

CCN: Yes (Chemeketa Community College)

Course description: This one-semester course is designed to introduce students to the basic terminology and environment of health services. Included in this course are the history of health care, career exploration, health care systems, growth and development, social conditions, complementary and alternative medicine, forensics, and ethics. Guest speakers will be a component of this course. (1 semester)

Sports Medicine

Graduation requirement credit: Career/Fine Arts (CF), Career Tech (CT), Elective (EL)

Grade level: 11,12

Credit: 0.5

Prerequisite: Health I & Health II

CCN: Yes (Chemeketa Community College)

Course description: This course is for future physical therapists, physicians, athletic trainers, or anyone interested in Health Services. This course is an application of aspects of Biology, Human Biology, and previous Health courses. Students gain an understanding of human anatomy, physiology, kinesiology, and rehabilitation techniques as they make evaluations and develop positive lifelong health habits. (1 semester)

PE I

Graduation requirement credit: Physical Education (PE), (P1), Elective (EL)

Grade level: 9, 10

Credit: 0.5

Prerequisite: No

CCN: No

Course description: This class will provide opportunities for students to be involved in various aerobic/cardiovascular activities, outdoor pursuits, and individual-performance activities. Students will be able to identify and use different types of exercises to develop personal fitness plans. Students will be exposed to a large variety of physical activities that promote health, self-expression, and positive social interactions. (1 semester)

PE II

Graduation requirement credit: Physical Education (PE), (P2), Elective (EL)

Grade level: 9, 10, 11,12

Credit: 0.5

Prerequisite: PE I

CCN: No

Course description: This class will build on the opportunities for students to be involved in various aerobic/cardiovascular activities, outdoor pursuits, and individual-performance activities experienced in PE 1. Students will be able to identify and use different types of exercises to develop personal fitness plans. Students will be exposed to a large variety of physical activities that promote health, self expression, and positive social interactions. The students will create and implement plans to be physically active for at least 60 minutes a day. (1 semester)

Weight Lifting/Conditioning

Graduation requirement credit: Physical Education (PE), Elective (EL)

Grade level: 9, 10, 11,12

Credit: 0.5

Prerequisite: PE I

CCN: No

Course description: This class is a fitness-based class for athletes and nonathletes alike. Students will spend time working on endurance as well as speed and agility work. Students will build fitness through distance running as well as interval training. Students will be in the weight room working on technique and strength as well as flexibility. Students of all abilities and experiences are welcome. This course can be repeated. (1 semester)

Team Activities

Graduation requirement credit: Physical Education (PE), Elective (EL)

Grade level: 9, 10, 11,12

Credit: 0.5

Prerequisite: PE I

CCN: No

Course description: Students learn advanced skills, rules, strategies, and training techniques for individual competitive and team sports as well as maintain a basic fitness level. The class also addresses concepts that assist with living a healthy and active lifestyle. Students are asked to set goals and master at least one skill per unit. This class is suggested for competitive students who wish to be active and can work within a team. This course can be repeated. (1 semester)

INTERNSHIP COURSES

Cadet Teaching

Graduation requirement credit: Elective (EL)

Grade level: 11,12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: On-the-job training at the grade school or junior high by working in classrooms to determine if education is the field of choice for a student's career. Students will be required to complete detailed journals about their experiences, keep a timesheet, write a written reflection paper, and do a presentation on what was learned. (1 semester)

Internship

Graduation requirement credit: Elective (EL)

Grade level: 11,12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: Opportunities to get hands-on experience in the workplace. Must be arranged on an individual basis. Students **must** have their own transportation to and from the internship sites. Students will be scheduled for 2 adjoining periods of Internship to facilitate safe transportation to and from the internship site. Students will be required to complete detailed journals about their experiences, keep a timesheet, write a written reflection paper, and do a presentation on what was learned. (1 semester)

LANGUAGE ARTS COURSES

College Writing A (Writing 121)

Graduation requirement credit: Language Arts (LA) 

Grade level: 12

Credit: 0.5

Prerequisites: Teacher Recommendation

CCN: Willamette Promise

Course description: WR121, Academic Composition, focuses on college-level writing, reading, and thinking. Students will use the conventions and skills of college-level writing, including research and formal citations, to produce compositions including essays and at least one other genre, for a variety of purposes and audiences. The class will introduce multimodal composing strategies. Students will analyze, respond to, and make use of college-level texts. They will consider and reflect upon their own participation and the many ways and reasons compositions are created. (1 semester)

College Writing B (Writing 122)

Graduation requirement credit: Language Arts (LA) 

Grade level: 12

Credit: 0.5

Prerequisites: Teacher Recommendation

CCN: Willamette Promise

Course description: Continues the focus of WR121 in its review of rhetorical concepts and vocabulary, in the development of reading, thinking, and writing skills, along with metacognitive competencies understood through the lens of a rhetorical vocabulary. Specifically, students will identify, evaluate, and construct chains of reasoning, a process that includes an ability to distinguish assertion from evidence, recognize and evaluate assumptions, and select sources appropriate for a rhetorical task. Students will employ a flexible, collaborative, and appropriate composing process, working in multiple genres, and utilizing at least two modalities, one of which must be writing. (1 semester)

English Language Art and Essential Skills (ELA- Ess Skills) Not offered 2022-2023

Graduation requirement credit: Language Arts (LA)

Grade level: 12

Credit: 0.5

Prerequisites: Teacher Placement

CCN: No

Course description: Courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature and continue to develop their language art skills. Typically students primarily write multi-paragraph essays, but they may also write one or more research papers. In addition, students can earn their proficiency towards essential skills in reading and writing. (1 semester)

English I (Freshman English)

Graduation requirement credit: Language Arts (LA) 

Grade level: 9

Credit: 1.0

Prerequisites: Teacher Placement

CCN: No

Course description: Basic English usage, literary analysis, and the writing process will be covered in integrated projects during the 9th grade. Students will write essays in the modes of imaginative, narrative, argumentative, and expository. By the end of this year English students will know how to: Write a basic argumentative paper, create a Works Cited page, set up their Google Drive with labeled folders and assignments, annotating texts, and basic grammar. (1 year)

English II (Sophomore)

Graduation requirement credit: Language Arts (LA) 

Grade level: 10

Credit: 1.0

Prerequisites: Teacher Placement

Course description: Students will focus on writing, building both the foundational skills of writing as well as the more advanced writing strategies. This class will expose students to technical writing and will serve as the groundwork for performance on the state writing assessment Junior year. Students will also increase their knowledge of plot structure, character and literary analysis by: Writing a basic argumentative research paper, citing a source (MLA) with a Works Cited page and in-text citations, presenting work to the class (Google Slide), annotating novels, various non-fiction texts, and audio/visual components, and grammar (1 year)

English III (Junior)

Graduation requirement credit: Language Arts (LA) 

Grade level: 11

Credit: 1.0

Prerequisites: Teacher Placement

Course description: Students will focus on more advanced writing strategies. Students will also increase their knowledge of plot structure, character, and literary analysis by: Writing an argumentative research paper, citing a source (MLA) with a Works Cited page and in-text citations, presenting work to the class (Google Slide), annotating novels, various non-fiction texts, and audio/visual components, and grammar. Students will use multimodal research and evidence to support claims (1 year)

Advanced English III (Junior)

Graduation requirement credit: Language Arts (LA) 

Grade level: 11

Credit: 1.0

Prerequisites: Teacher Recommendation

Course description: Introduces the expectations of college-level writing, reading, and thinking. Students will learn the conventions and skills of college-level writing, practice analyzing, responding to, and making use of college-level texts, and will learn to think about the many ways and reasons writing projects are created. They will produce multiple kinds of writing projects for a variety of purposes and audiences. (year-long)

Communications 111

Graduation requirement credit: Language Arts (LA)

Grade level: 11,12

Credit: 0.5

Prerequisites: None

CCN: Chemeketa

Course description: In what ways do we communicate? How has communication changed over the years? How does social media play into how we communicate with each other and how we receive information? We

will look at a variety of ways that we communicate. We will look at how we use and misuse facts to create a narrative that we use to tell our stories through the media and social media. Students will be asked to start a personal blog where they will be given a series of topics to write about. These topics will go along with more in-depth assignments that will help the student develop research and writing skills. (1 Semester)

Documentaries: A Study of Real Life in Film

Graduation requirement credit: Language Arts (LA)

Grade level: 11,12

Credit: 0.5

Prerequisites: None

CCN: No

Course description: What is a documentary? How do documentaries influence and shape our opinions of the world we live in? This course will give students the opportunity to view, analyze, and discuss a variety of documentaries ranging in topics. We will look at how filmmakers use facts and narrative to communicate the desired message to the audience. Through close analysis and discussion of the films viewed in class, students will be asked to consider the objectivity and validity of the issues and events portrayed in the films as well as the filmmakers' purpose in its creation. Course work includes a research project and presentation. (1 Semester)

Creative Writing A&B

Graduation requirement credit: Language Arts (LA) 

Grade level: 11,12

Credit: 0.5

Prerequisites: No

CCN: No

Course description: Creative Writing is a one semester course where students develop reading and writing necessary for lifelong learning. Common Core State Standard (Reading, Writing, Language, and Speaking/Listening) will be the focus. Throughout the semester students will read fiction and non-fiction selections and practice listening, speaking, expanding vocabulary and grammar, and produce a variety of writing samples. This is a semester-long course where students develop skills that will make them successful in courses to come, and to work toward becoming lifelong readers and writers. To do this, the students will study the three main forms of writing, Poetry, Non-Fiction, and Fiction by reading work from published authors as well as writing their own pieces in those genres. Topics could include but are not limited to novel writing, creative and personal essays, and various poems written through both prompts and free-writing. (1 semester)

Plays

Graduation requirement credit: Language Arts (LA) 

Grade level: 11,12

Credit: 0.5

Prerequisites: None

CCN: No

Course description: Plays is a one semester course where students develop reading and writing necessary for lifelong learning. Common Core State Standard (Reading, Writing, Language, and Speaking/Listening) will be the focus. Plays focus on the reading of plays. Throughout the semester students will be reading, writing, and performing plays. Informational reading and writing will focus on various plays and authors, time periods, and stagecraft. (1 semester)

Sports Literature Not offered 2022-2023

Graduation requirement credit: Language Arts (LA) 

Grade level: 11,12

Credit: 0.5

Prerequisites: None

CCN: No

Course description: Sports Literature is a one semester course where students develop reading and writing necessary for lifelong learning. Common Core State Standards (Reading, Writing, Language, and Speaking/Listening) will be the focus. Throughout the semester students will read fiction and non-fiction selections, practice listening and speaking, and expand vocabulary, and grammar. Students will produce a variety of writing samples. Reading selections will focus on sports and athletes, recreational sports, and sporting events. Sports news writing will be included. (1 semester)

World Literature I Not offered 2022-2023

Graduation requirement credit: Language Arts (LA) 

Grade level: 11 & 12

Credit: 0.5

Prerequisites: None

CCN: No

Course description: World Literature is a one-semester course where students develop reading and writing necessary for lifelong learning. Common Core State Standards (Reading, Writing, Language, and Speaking/Listening) will be the focus. Throughout the semester students will read fiction and non-fiction selections, practice listening and speaking, and expand their vocabulary and grammar. Students will produce a variety of writing samples. They will read fiction, poetry and study art from international writers and artists throughout history, focusing on, but not limited to Ancient literature, Renaissance, Modernism, and Postmodernism. (1 semester)

MATHEMATICS COURSES

AGS Math

Graduation requirement credit: Mathematics (MA)

Grade level: 9

Credit: 1.0

Prerequisites: Teacher placement

Course description: The AGS course is an introduction to basic algebraic and geometric concepts as well as some statistical analysis. The course emphasizes the concepts necessary to be successful in the next sequence of math classes. The course helps students develop good mathematical study skills and learning strategies.(1 year)

Algebraic Reasoning

Graduation requirement credit: Mathematics (MA)

Grade level: 9,10

Credit: 1.0

Prerequisites: Teacher placement

Course description: Expanding on the concepts taught in middle school, students will be exposed to these concepts: linear equations and inequalities, systems of linear equations, exponential functions, and quadratic functions. (1 year)

Algebra I A & B

Graduation requirement credit: Mathematics (MA) 

Grade level: 9,10,11,12

Credit: 1.0

Prerequisites: Teacher placement

CCN:

Course description: This course is an extension of linear algebra concepts learned in middle school. Students will learn more about linear equations, exponential equations, inequalities, and functions. This includes finding equivalent forms of expressions and solving equations. Students will explore algebra concepts in a variety of ways. (1 year)

Geometric Reasoning

Graduation requirement credit: Mathematics (MA)

Grade level: 10,11,12

Credit: 1.0

Prerequisites: Teacher placement

Course description: This course is designed to emphasize the study of the properties and applications of common geometric figures in two and three dimensions using informal methods. It includes the study of transformations, right triangle properties, area, volume, angles, and working with scale. (1 semester)

Geometry

Graduation requirement credit: Mathematics (MA)

Grade level: 10,11,12

Credit: 0.5

Prerequisites: Teacher placement

Course description: This course is designed to emphasize the study of the properties and applications of common geometric figures in two and three dimensions. Students will gain basic knowledge of math using

figures. It includes the study of transformations and right triangle trigonometry. It also emphasizes writing proofs to solve (prove) properties of geometric figures. (1 semester)

Data Science

Graduation requirement credit: Mathematics (MA)

Grade level: 10,11,12

Credit: 0.5

Prerequisites: Teacher placement

Course description: This course is designed to introduce students to the data cycle. The cycle includes forming statistical questions, collecting data to address those questions, analyzing the data, and forming conclusions. Students will investigate concepts such as bias, measures of center and spread, and correlations. (1 semester)

Integrated Math III

Graduation requirement credit: Mathematics (MA) 

Grade level: 10,11,12

Credit: 1.0

Prerequisites: Teacher placement

Course description: Algebra II deeply explores algebraic concepts. Concepts include but are not limited to exploring functions and other parent graphs, quadratics, exponential, logarithms and inverses, polynomials and trigonometry. This course meets the basic entrance requirements for most 4 year universities and will help prepare students for a college or trade school education. (1 year)

College Math

Graduation requirement credit: Mathematics (MA) 

Grade level: 10,11,12

Credit: 1.0

Prerequisites: Teacher placement

CCN: Yes, (Chemeketa Community College)

Course description: This course offers college credit for two courses. College Math studies functions and related inequalities and systems. It focuses on polynomial, rational, exponential, logarithmic, and related piecewise functions. It also includes a study of the complex number system, matrices, sequences, series, and probability. The trigonometry portion includes the study of trig functions, conics, vectors, parametric and polar equations, and an introduction to limits. A graphing calculator will be used throughout the course. Students receiving a C or better can receive college credit in MTH 111 and MTH 112. (1 year)

Financial Algebra A & B

Graduation requirement credit: Mathematics (MA)

Grade level: 11,12

Credit: 1.0

Prerequisites: Teacher Placement

CCN: No

Course description: This is an algebra-based course, building on prior knowledge of math concepts to learn about real-life situations. This course reviews and strengthens your algebra mechanics and problem-solving skills. Areas of study may include: investing, banking, credit, income taxes, insurance, and household budgeting. The problems use real-life scenarios to understand math concepts. (1 year)

SCIENCE COURSES

Biology

Graduation requirement credit: General Science (SC)

Grade level: 9

Credit: 1.0

Prerequisites: None

CCN: No

Course description: Integrated Science 9 is a class focused on concepts in the Environmental and Life Sciences. The focus of the class is on using scientific practices to explore and understand different topics in science. Themes will be built throughout the year that will extend to all science classes. Students will engage in a variety of integrated units including ecology, genetics, evolution, properties of matter, and human impact on earth systems. (1 year)

Earth Science

Graduation requirement credit: General Science (SC)

Grade level: 10

Credit: 0.5

Prerequisites: None

CCN: No

Course description: This class is focused on concepts in Earth Science. The focus of the class is on using scientific practices to explore and understand different topics in science. Themes will be built throughout the year that will extend to all science classes. The class involves a variety of integrated units including chemistry, waves, forces, astronomy, geology, and natural resources. (1 semester)

Physical Science

Graduation requirement credit: General Science (SC)

Grade level: 10

Credit: 0.5

Prerequisites: None

CCN: No

Course description: This class is focused on concepts in Physical Science. The focus of the class is on using scientific practices to explore and understand different topics in science. Themes will be built throughout the year that will extend to all science classes. The class involves a variety of integrated units including chemistry, waves, forces, astronomy, geology, and natural resources. (1 semester)

Advanced Biology A

Graduation requirement credit: Advanced Science (AS/SC or EL)

Grade level: 11-12

Credit: 0.5

Prerequisites: 9th & 10th grade Integrated Science (3.0 in previous sciences is recommended, but not required)

CCN: No

Course description: Students taking this class will build conceptual and applied understanding of biological topics including organism diversity, ecology, and evolution. Students will apply their understanding of these concepts in laboratory activities that emphasize inquiry, student investigation, and scientific processes. Students who choose to receive credit for BIO 101 (4 quarter units) through Willamette Promise. (1 semester)

Advanced Biology B

Graduation requirement credit: Advanced Science (AS/SC or EL)

Grade level: 11,12

Credit: 0.5

Prerequisites: 9th & 10th grade Integrated Science (3.0 in previous sciences is recommended, but not required)

CCN: No

Course description: Students taking this class will build conceptual and applied understanding of biological topics including molecular biology, applied genetics, and metabolism. Students will apply their understanding of these concepts in laboratory activities that emphasize inquiry, student investigation, and scientific processes. Students, who choose to, can receive credit for BIO 102 (4 quarter units) through Willamette Promise. (1 semester)

Inorganic Chemistry

Graduation requirement credit: Advanced Science (AS/SC or EL)

Grade level: 11,12

Credit: 0.5

Prerequisites: Passing grades in previous science classes and an understanding of Algebra concepts recommended.

CCN: Yes, Willamette Promise

Course description: This course will explore such concepts as the behaviors of solids, liquids, and gases. Chemical formulas, equations, and nuclear reactions are also studied. (1 semester)

Organic Chemistry

Graduation requirement credit: Advanced Science (AS/SC or EL)

Grade level: 11,12

Credit: 0.5

Prerequisites: Passing grades in previous science classes and an understanding of Algebra concepts recommended.

CCN: No

Course description: This course involves the study of organic molecules and functional groups. Topics covered include nomenclature, bonding molecular structure and reactivity, reaction mechanisms, and current spectroscopic techniques. (1 semester)

Anatomy & Physiology

Graduation requirement credit: Advanced Science (AS/SC or EL)

Grade level: 10,11,12

Credit: 0.5

Prerequisites: A strong understanding of Health II and Biology concepts are recommended.

CCN: No

Course description: This class will introduce students to basic human anatomy and physiology. We will explore the organization of the human body from cells to organs, to organ systems, and how they work together in a human. This class is a dual-credit class taught through the Oregon Institute of Technology, and students that choose this class should be prepared to put in the work needed for an entry-level college class. This is a great way to decide if you want to go into the health sciences after high school. Mandatory laboratory dissections will make up a significant portion of the course experience. Students will need to apply to OIT as a high school student and then register for the section being taught at DHS to get 4 quarter hours of college credit. (1 semester)

Physics A & B

Graduation requirement credit: Advanced Science (AS/SC or EL)

Grade level: 11,12

Credit: 0.5

Prerequisites: 9th & 10th Grade Integrated Sciences; and an understanding of Algebra concepts recommended.

Course description: Physics is a math intensive introduction to the study of forces, motion, and energy. In Physics students will develop the skills and process of science through investigations and relevant research. Topics can include: Matter and Its Interactions, Interactions and Conservation Principles, Motion and Stability, Forces and Interactions, Interactions and Energy, Interactions and Fields, Waves and their Applications in Technologies for Information Transfer. (1 year)

Exercise Science

Graduation requirement credit: Advanced Science (AS/SC or EL)

Grade level: 10,11,12

Credit: 0.5

Prerequisites: Successful completion of Biology

CCN: No

Course description: Exercise Science will introduce students to the field of human performance. Units will include human metabolism, fitness and training, nutrition, injury prevention and treatment, and career opportunities. The class will include a variety of individual and group projects and learning activities. (1 semester)

Microbiology

Graduation requirement credit: Advanced Science (AS/SC or EL)

Grade level: 10,11,12

Credit: 0.5

Prerequisites: Successful completion of Biology.

CCN: No

Course description: This class will explore the invisible world of viruses and bacteria as well as apply microscope and analytical skills. The class will include a variety of individual and group projects, labs, and learning activities. (1 semester)

Forensics

Graduation requirement credit: Advanced Science (AS/SC or EL)

Grade level: 10,11,12

Credit: 0.5

Prerequisites: Successful completion of Biology.

CCN: No

Course description: This class will explore forensic science. Using past science concepts taught, this class will expand on them as well as use them in the area of forensics. The class will include a variety of individual and group projects, labs, and learning activities. (1 semester)

SOCIAL STUDIES COURSES

Global Studies

Graduation requirement credit: Global Studies / Social Studies (GE/SS)

Grade level: 10

Credit: 0.5

Prerequisites: None

CCN: No

Course description: Global Studies is a one semester course designed to introduce students to global issues around the world through the study of current events. Students will apply critical thinking and problem solving skills through a variety of formats including reading, writing, discussion, cooperative learning, and projects. (1 semester)

U.S. History A & B

Graduation requirement credit: U.S. History / Social Studies (US/SS)

Grade level: 11

Credit: 1.0

Prerequisites: None

CCN: No

Course description: This course will analyze cause and effect patterns of change in United States history, focusing on the impact of political, economic, and social developments throughout the twentieth century. (1 year)

Government and Civics

Graduation requirement credit: Government / Social Studies (GV/SS)

Grade level: 12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: This course includes understanding the origins, purposes and functions of the U.S. government, including the structure and meaning of the U.S. Constitution. It seeks to understand the organization, responsibilities, and interrelationships of local, state and federal governments in the United States, as well as how people interact with those governments. Students will understand the personal and political rights of citizens in the United States. Students will also analyze other major political systems, concepts of political power, authority, conflict, and conflict management between the three branches. (1 semester)

Economics

Graduation requirement credit: Economics / Social Studies (EC/SS)

Grade level: 12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: This course is a study in how individuals and nations make choices based on economic principles. The course covers economic systems, business organizations, supply and demand, as well as how markets behave according to changing variables. Personal Finance is also covered in this course. (1 semester)

Horrible Histories

Graduation requirement credit: Social Studies (SS or EL)

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: This class will focus on specific pieces of ancient history and explore them through various types of media (graphic novels, documentary films, short stories, etc). HH is a hands-on class where you will create replicas of historical artifacts or create original works based on historical fact. You will also create a presentation where you, the student, will become the expert in an ancient civilization and teach the class.(1 semester)

Psychology

Graduation requirement credit: Social Studies (SS or EL)

Grade level: 11,12

Credit: 0.5

Prerequisite: None

CCN: Willamette Promise

Course description: This course is an overview of basic principles of psychology. It will cover the inner workings of the human mind. Topics will include brain development, mental illness, personality development, and famous psychologists and their theories. (1 semester)

Abnormal Psychology

Graduation requirement credit: Social Studies (SS or EL)

Grade level: 11,12

Credit: 0.5

Prerequisite: None

CCN: Willamette Promise

Course description: A study of the science of human behavior and experience. Areas covered may include: consciousness, personality, health psychology, motivation, intelligence, abnormal behavior, psychotherapy, and social psychology. (1 semester)

Law & Debate

Graduation requirement credit: Social Studies (SS or EL)

Grade level: 10, 11, 12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: This course will focus on the process of how ideas become laws, with particular emphasis on crafting and debate during the legislative process. **PUBLIC SPEAKING IS A REQUIRED PART OF THIS COURSE.** Students will have an opportunity to participate in the Youth and Government conference in Salem. (1 semester)

Youth and Government (***ONLY*** offered fall term)

Graduation requirement credit: Social Studies (SS or EL)

Grade level: 9,10,11,12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: Youth and Government is a course that allows the participant a chance to learn Oregon's legislative process. Students will learn to write proposed legislation, debate issues, and learn the role of Oregon's branches of government. (1 semester)

Early World History **Not offered 2022-2023**

Graduation requirement credit: Social Studies (SS or EL)

Grade level: 9,10,11,12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: In this course, students will learn about early man up to the French Revolution. Paying particular importance to the formation of governments, religions, and societies. Students will learn about the Greek and Roman empire, as well as delving into China's and Africa's rich history. Students will be required to read primary and secondary sources and write competently about their thoughts and feelings pertaining to historical events. (1 Semester)

Late World History **Not offered 2022-2023**

Graduation requirement credit: Social Studies (SS or EL)

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: This class will start where Early World History left off, with the French Revolution. Students will go in-depth about World War I and II, looking at these events from a World view, not a United States' view. The class will then focus on various topics from the 20th and 21st centuries topics could include but not limited to; the Korean Conflict, the Cold War, the Vietnam Conflict, various movements, and/or technological inventions. Students will be required to read primary and secondary sources and write competently about their thoughts and feelings pertaining to historical events. (1 Semester)

History & Film

Graduation requirement credit: Social Studies (SS or EL)

Grade level: 10, 11, 12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: Students will study the basic themes of American and world history through film and literature. Students will be focusing on topics such as societal development, warfare, and government structures. (1 Semester)

ADDITIONAL ELECTIVE COURSES

Journalism

Graduation requirement credit: Elective (EL)

Grade level: 10, 11, 12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: Students will learn and practice basic journalistic writing skills, basic page design, basic photographic skills as well as fundraising techniques in producing the school yearbook. (1 semester)

Freshman Seminar

Graduation requirement credit: Elective (EL)

Grade level: 9

Credit: 0.5

Prerequisite: None

CCN: none

Course description: Freshman Seminar is a required first semester elective class for 9th graders. Seminar is designed to orient students to high school so that they can adequately plan for their courses and be on track to graduate. In addition, students will learn valuable soft skills that will help them navigate their classes and maximize their success so that their transition to high school goes smoothly. A-F Class. (1 semester)

Senior Seminar

Graduation requirement credit: Elective (EL)

Grade level: 12

Credit: 0.5

Prerequisite: None

CCN: none

Course description: Senior College/Career Readiness Class is designed to provide seniors time to investigate opportunities for life after high school. Topics include college research and applications, scholarship search and applications, financial aid, SAT/ACT prep, resumes, and career planning. Pass/No Pass Class. (1 semester)

ASB Leadership

Graduation requirement credit: Elective (EL)

Grade level: 9,10,11,12

Credit: 0.5

Prerequisite: Teacher Approval

CCN: Yes

Course description: Students will learn what makes an effective leader and how to develop their own leadership style. Students enrolled in this course will have a direct role in planning and operating student activities at Dayton High School. The emphasis of this course is learning and applying the skills needed for organizing and planning DHS activities and problem-solving, both individually and in groups. Students will learn how to set and meet goals, how to communicate effectively, and how to critically self-evaluate their work in order to improve their leadership skills. Students will also have the opportunity to earn 3 college credits if they can meet the requirements for Speech 111.

Intro to Culinary Arts

Graduation requirement credit: Elective (EL)

Grade level: 9,10, 11,12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: (no prerequisite required) This class is an introductory course into the world of cooking. It will cover kitchen safety, food safety, nutrition basics, equipment, recipe reading, and various beginner hands-on cooking labs. Students will also receive their Oregon Food Handlers Card. (1 semester)

Culinary Arts I

Graduation requirement credit: Elective (EL)

Grade level: 9,10, 11,12

Credit: 0.5

Prerequisite: Intro to Culinary Arts

CCN: No

Course description: This class will continue where the Intro to Culinary class left off. It will also incorporate cooking techniques, herbs and spices, kitchen careers, professionalism, food plating, and more advanced hands-on cooking labs. Guest speakers and field trips will help to round out this course. (1 semester)

Popular Music Through Time NOT OFFERED 22-23 school year

Graduation requirement credit: Elective (EL)

Grade level: 9, 10, 11,12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: In this course you will be taken on a journey through time starting in the late 1800s until our current date. You will learn the culture, technology, and music of each decade. We will discuss the impact music has in our lives and how it affects our moods and our behavior. We will also discuss how music has influenced society and how society has influenced music. If you love to listen to music and you like learning about how things work, this class might be what you have been waiting for. (1 semester)

Mexico: Before and After the Conquest NOT OFFERED 22-23 school year

Graduation requirement credit: Elective (EL)

Grade level: 9, 10, 11,12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: Come learn with me about Mexico and its rich history. We will study one of the most important civilizations in the world. We will learn about how Mexico has been shaped by its history and how it has helped shape the history of the world. We will discuss the origins of many of Mexico's traditions and learn about what it means to be of Mexican heritage in today's world. (1 semester)

Online Classes - CREDIT RECOVERY

Graduation requirement credit: Depending on class

Grade level: 9,10,11,12

Credit: 0.5

Prerequisite: Counselor/Teacher placement

CCN: No

Course description: These are classes that are on the online Odysseyware platform. Students will be put into a variety of core classes, career and technical, social studies, music, and art courses. The expectation is that students would complete one class during one semester. Students would only receive credit for this period through their completion of online classes (1 semester)

Peer Assistant

Graduation requirement credit: Elective (EL)

Grade level: 9,10,11,12

Credit: 0.5

Prerequisite: Application and teacher approval

CCN: No

Course description: Peer assistants help in the delivery of academic and functional instruction in the structured learning center (SLC). Peer assistants will be working with students with a variety of learning disabilities under the direction of a special education teacher. The expectation of the classroom is that students will respect others, learn about a variety of people, and practice the nature of confidentiality. This opportunity is available to those who want to learn more about aspects of teaching, disabilities, and want to be a positive peer influence. This is a Pass/No Pass class and 80% attendance is required to pass. (1 semester)

Office Aide

Graduation requirement credit: Elective (EL)

Grade level: 11,12

Credit: 0.5

Prerequisite: Principal Approval

CCN: No

Course description: Office Aides help perform any number of functions of an office. They may be responsible for answering phones, taking messages, greeting visitors, filing paperwork, running call slips, distributing paperwork, or other duties. Students should not sign up for this unless they are comfortable with all of the above tasks. This is a Pass/No Pass class and 80% attendance is required to pass. Students must be on track to graduate to be in this class. Students must have maintained a 90% or higher attendance rate the previous school year. Only three students are needed per period. A student cannot take this class more than once a semester, and a student cannot take this class if the student is a teacher's aide. (1 semester)

Teacher Aide

Graduation requirement credit: Elective (EL)

Grade level: 10,11,12

Credit: 0.5

Prerequisite: Principal and/or Teacher Approval

CCN: No

Course description: Teacher aides help with a variety of tasks depending on the teacher. Students should be responsible, honest, and self managers. They should be able to communicate well with staff and students. This is a Pass/No Pass class and 80% attendance is required to pass. Students must be on track to graduate to be in this class. Students must have maintained a 90% or higher attendance rate the previous school year. Only 10

students are needed per period. A student cannot take this class more than once a semester, and a student cannot take this class if the student is an office aide. (1 semester)

Math Mentor

Graduation requirement credit: Elective (EL)

Grade level: 9,10,11,12

Credit: 0.5

Prerequisite: Teacher recommendation

CCN: No

Course description: Math mentors will be assigned to either a junior high or high school math course, where they will listen to the lesson as presented by the teacher, then help individuals or groups of students with re-teaching and working. In this course, students should have strong skills in math, as well as considerable patience to work with students who may not have those skills. This is a Pass/No Pass class and 80% attendance is required to pass. (1 semester)

Reading Mentor

Graduation requirement credit: Elective (EL)

Grade level: 9,10,11,12

Credit: 0.5

Prerequisite: Teacher recommendation

CCN: No

Course description: Reading mentors will be assigned to a junior high literacy course, where they will listen to the lesson as presented by the teacher, then help individuals or groups of students with re-teaching and working. In this course, students should have strong skills in reading comprehension, as well as considerable patience to work with students who may not have those skills. This is a Pass/No Pass class and 80% attendance is required to pass. (1 semester)

Academic Mentor

Graduation requirement credit: Elective (EL)

Grade level: 9,10,11,12

Credit: 0.5

Prerequisite: Teacher recommendation

CCN: No

Course description: Academic mentors will be assigned to junior high classes and/or students to help with re-teaching lessons. They will also help students with organization and planning, in order to aid with long-term academic success. In this course, students should be academically successful themselves, and be comfortable in teaching other students the skills required to have success in school. This is a Pass/No Pass class and 80% attendance is required to pass. (1 semester)

DHS Athletic Champ Not offered 222-2023

Graduation requirement credit: Elective (EL)

Grade level: 10,11,12

Credit: 0.5

Prerequisite: Application & Teacher Approval

CCN: No

Course Description: To assist the Principal, Assistant Principal/Athletic Director Champ duties may include: Setup and/or clean up for games, assemblies, and other events; Performing clerical duties like making phone calls, confirming game officials and transportation; greeting officials or visiting teams; Assisting with set-up of

concessions and/or purchasing concession items; Creating and updating sports rosters and programs; This is a Pass/No Pass class and 80% attendance is required to pass. There are only three students selected for this class. (1 semester)

Student Athletic Director Not offered 2022-2023

Graduation requirement credit: Elective (EL)

Grade level: 11,12

Credit: 1.0

Prerequisite: Application & Teacher Approval

CCN: No

Course Description: This course is based on an application and interview process. Two juniors will be selected and two seniors will be selected. These students need to have a passion for athletics and the management of people and events. The juniors will be assigned first period with the athletic director and the seniors will be assigned seventh period. Students will be responsible for making programs, setting up events, announcing, escorting referees, and many other duties. This is a year-long commitment, so please weigh this carefully. Applications can be found with the athletic secretary. (1 semester)

DHS Technology Champ Not offered 2022-2023

Graduation requirement credit: Elective (EL)

Grade level: 10,11,12

Credit: 0.5

Prerequisite: Teacher Approval

CCN: No

Course Description: To assist the School Technology Director(s) in functions including communication, and technology support/infrastructure. Champ duties may include: Maintaining current audiovisual equipment; Performing clerical duties Repairing computer equipment; Distributing or collecting Chromebooks; and Updating school websites. This is a Pass/No Pass class and 80% attendance is required to pass. There are only three students selected for this class. (1 semester)

DHS Communications Champ Not offered 2022-2023

Graduation requirement credit: Elective (EL)

Grade level: 10,11,12

Credit: 0.5

Prerequisite: Principal Approval

CCN: No

Course Description: To assist the Principal, Assistant Principal/Athletic Director and/or School Technology Director(s). Champ duties may include: Performing clerical duties like making phone calls, Doing school announcements, reader board, writing content for websites, and social media; and Updating school websites. This is a Pass/No Pass class and 80% attendance is required to pass. There are only three students selected for this class. (1 semester)

Academic Courses

Junior High School

LANGUAGE ARTS COURSES

6th Grade Language Arts

Grade level: 6

Course description: Language Arts is a year-long course designed to develop students toward becoming lifelong readers and writers. To accomplish this goal, all students will focus their learning and skill development within the major components of study according to the Common Core State Standards: Reading Literature, Reading Information, Writing, Conventions, and Speaking/Listening. (1 year)

7th Grade Language Arts

Grade level: 7

Course description: Language Arts is a year-long course designed to develop students toward becoming lifelong readers and writers. To accomplish this goal, all students will focus their learning and skill development within the major components of study according to the Common Core State Standards: Reading Literature, Reading Information, Writing, Conventions, and Speaking/Listening.(1 year)

8th Grade Language Arts

Grade level: 8

Course description: Language Arts is a year-long course designed to develop students toward becoming lifelong readers and writers. To accomplish this goal, all students will focus their learning and skill development within the major components of study according to the Common Core State Standards: Reading Literature, Reading Information, Writing, Conventions, and Speaking/Listening. (1 year)

MATHEMATICS COURSES

Common Core 6 → Common Core 7 → Common Core 8

Support Math 6 → Support Math 7 → Support Math 8

6th Grade Common Core Math

Grade level: 6

Course description: Students apply and extend previous understandings of multiplication and division to divide fractions by fractions in this course. They learn to compute fluently with multi-digit numbers and find common factors and multiples. Students solve real-world and mathematical problems involving area, surface area, and volume. Students apply and extend previous understandings of arithmetic to algebraic expressions. They reason about and solve one-variable equations and inequalities. Students apply and extend previous understandings of numbers to the system of rational numbers. At the end of the course, they learn the basics of algebra with relationships between dependent and independent variables. (1 year)

6th Grade Support Math

Grade level: 6

Course description: Students apply and extend previous understandings of multiplication and division to divide fractions by fractions in this course. They learn to compute fluently with multi-digit numbers and find common factors and multiples. Students solve real-world and mathematical problems involving area, surface area, and volume. Students apply and extend previous understandings of arithmetic to algebraic expressions. (1 year)

7th Grade Common Core Math

Grade level: 7

Course description: In this course, students apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers. They use properties of operations to generate equivalent expressions and learn to solve real-life and mathematical problems using numerical and algebraic expressions and equations. Students analyze proportional relationships and use them to solve real-world and mathematical problems involving percentages, scale factors, rates, and probabilities. Students draw, construct and describe geometrical figures and describe the relationships between them. And finally, they solve real-life and mathematical problems involving angle measures, areas, surface areas, and volume. (1 year)

7th Grade Support Math

Grade level: 7

Course description: Students reason about and solve one-variable equations and inequalities. They apply and extend previous understandings of numbers to the system of rational numbers and learn the basics of algebra with relationships between dependent and independent variables. Students apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers. They use properties of operations to generate equivalent expressions and learn to solve real-life and mathematical problems using numerical and algebraic expressions and equations. (1 year)

8th Grade Common Core Math

Grade level: 8

Course description: In the first half of this course, students analyze and solve a variety of types of linear equations and pairs of simultaneous linear equations. They define, evaluate, and compare linear functions and use functions to model relationships between quantities. Students use their knowledge of linear functions to investigate patterns of association in bivariate data. Students also learn that there are numbers that are not rational, and approximate them by rational numbers. In the second half, they work with radicals and integer exponents and use this knowledge to understand and apply the Pythagorean Theorem. Students use transformations to show congruence and similarity. At the end, students solve real-world and mathematical problems involving the volume of cylinders, cones and spheres. (1 year)

8th Grade Support Math

Grade level: 8

Course description: In the first half of this course, students strengthen their algebra skills as they learn about the connections between number patterns, lines, and linear equations. They analyze and solve a variety of types of linear equations and pairs of simultaneous linear equations both graphically and algebraically. They define, evaluate, and compare linear functions and use functions to model relationships between quantities. Students use their knowledge of linear functions to investigate patterns of association in bivariate data. In the second half, they work with radicals and integer exponents and use this knowledge to understand and apply the Pythagorean Theorem. Towards the end, students use geometry software to investigate transformations to evaluate congruence and similarity and work with areas and volumes of regular figures. (1 year)

SCIENCE COURSES

Science 6

Grade level: 6

Course description: In 6th grade science students will explore various areas of science required by the State of Oregon. Students will learn topics in general science methodology, biology, geology, and physics by engaging in research, projects, and labs. Students in this class will have a solid understanding of concepts, skills, and procedures required to be successful in future science classes. (1 year)

Science 7

Grade level: 7

Course description: Science 7 is a year-long course that explores THE NEXT GENERATION SCIENCE STANDARDS (NGSS) as required by the state of Oregon. The standards focus on three areas of science which are physical, life, and earth and space sciences integrated together using engineering and technology to apply these sciences. It will focus on Structure and property of matter, Chemical reactions, Matter and energy in an ecosystem, Interdependent relationships, Earth's systems, Human Impacts; Engineering, Technology, and Applications of Science. These are the specific standards we will explore along with the connected essential questions. (1 year)

Science 8

Grade level: 8

Course description: Science 8 is a year-long course that explores THE NEXT GENERATION SCIENCE STANDARDS (NGSS) as required by the state of Oregon. The standards focus on three areas of science which are physical, life, and earth and space sciences integrated together using engineering and technology to apply these sciences. It will focus on Forces and interactions, Waves and Electromagnetic Radiation, Energy, Space systems, History of Earth, Natural Selection and Adaptations, Growth Development and Reproduction of Organisms; Engineering, Technology, and Applications of Science. These are the specific standards we will explore along with the connected essential questions. (1 year)

SOCIAL STUDIES COURSES

6th Grade Social Studies

Grade level: 6

Course description: We study the cultures and peoples of the Western Hemisphere, examine literature, and improve our reading and writing skills. (1 year)

7th Grade Social Studies

Grade level: 7

Course description: Students explore how society, the environment, the political and economic landscape, and historical events influence human perspectives, values, traditions, and ideas. We explore essential questions through multiple sources to develop claims. Throughout the year students will read nonfiction selections (articles, essays, primary source documents, etc.), along with producing expository, informational, and argumentative writing samples. Individual and small group projects will also allow for deep and meaningful learning and peer collaboration. (1 year)

8th Grade Social Studies

Grade level: 8

Course description: 8th Grade Social Studies students spend the year thinking like a historian; they investigate events by analyzing primary documents, evaluating events and outcomes, formulating opinions, collaborating with peers and writing about history. U.S. History A content includes Native Americans, Exploration and Colonization of the New World and the American Revolution. U.S. History B content includes setting up a New Country (then and now Government), Westward Expansion and the Civil War. (1 year)

HEALTH COURSES

7th Grade Health

Grade level: 7

Course description: This is a required course for seventh graders. There will be some project based learning on topics such as but not limited to: first aid, drugs, alcohol, sexual health, mental health, and safety. There will be an introduction to concepts that will be discussed more in depth when the student goes to high school. (1 semester)

8th Grade Health

Grade level: 7

Course description: This is a required course for eighth graders. Eighth grade Health is a continuation of seventh grade Health. Students will develop higher level comprehension and understanding in the areas of Personal Wellness, Mental and Emotional Health, Drugs, Alcohol, and Tobacco, Body Systems and Disease, Nutrition and Fitness, Consumer and Environmental Health, and Sexual Health. (1 semester)

OTHER ELECTIVE COURSES

Junior High Robotics

Grade level: 6, 7, 8

Course description: Students will construct, and program Lego EV3 robots. Students will become proficient in getting their robots to move with a purpose, using all motors and multiple sensors. As an extension students will be able to modify their robots and use them to complete missions on the competition Lego Table. (1 semester)

Genius Hour

Grade level: 6, 7, 8

Course description: Genius Hour is an opportunity for students to research, create, and problem solve to propel their own personalized instruction based on their passions and curiosity. Students are encouraged to take ownership in their learning by exploring open-ended subjects with their own interests, finding resources to drive their learning, and teaching their new knowledge to the class. (1 semester)

Music Exploration

Grade Level: 6,7,8

Prerequisite: None

Course description: Music Exploration is a semester-long class that introduces students to basic musical concepts and provides a hands-on experience to see if Band or Choir is a good fit for them in the future. The course consists of 6 units, where we explore the basics of music. The first unit introduces them to the basic symbols of music like the musical staff, clefs, and note names.. We then learn about musical rhythms and apply this in a drumming/percussion unit. We then explore the Keyboard instruments, such as Piano, Xylophone and Marimba. The 4th unit covers basic choir skills with the objective of helping students learn what a choir class would look like. We end the semester working on learning the basics of woodwind and brass instruments. There is also a sprinkling of music appreciation, as well as personal growth skills.

6th Grade Band

Grade level: 6

Prerequisite: 5th Grade Band or Teacher Approval

Course description: 6 th grade Band is for students who took 5th grade band at the elementary school. Students will continue to improve on their music making through the development and improvement of fundamental skills that were learned in 5th grade. Students will be expected to develop a solid practice habit, improve through playing tests and attend 2 concerts a year. 6th graders who did not participate in 5th grade may participate, only if they understand and are willing to work extremely hard to catch up to the level of the other students. (1 year)

7th/8th Grade Band

Grade level: 7, 8

Prerequisite: 6th grade band or teacher approval

Course description: 7th/8th grade Band is for students who have prior band knowledge (or teacher approval). Students will continue to improve on their music making through the development and improvement of fundamental skills. Students will be expected to develop a solid practice habit, improve through playing tests and attend 2 concerts a year. (1 year)

Junior High Choir

Grade level: 6,7,8

Prerequisite: None

Course description: In this year-long class, students will strengthen their singing skills, practice reading music using solfege, and take part in performing a variety of choir repertoire. (1 semester)

Math Recovery/Support

Grade level: 6, 7, 8

Prerequisite: Teacher Approval Required

Course description: Math Workshop is an elective class where students will work on skill development and work in small groups to work on skills from their current math class. This class is designed for students who are good self managers and willing workers. (1 year)

Junior High Art

Grade level: 6, 7, 8

Prerequisite: None

Course description: Junior high art is designed to help improve students' basic art skills; drawing, painting and sculpting, design artwork using a variety of media and techniques, develop students' creativity and self-expression, and recognize and use the art elements (line, shape, color, value, form, texture and space), and design principles (rhythm, balance, proportion, variety, emphasis, harmony and unity). (1 semester)

Junior High Culinary NOT OFFERED 22-23 school year

Grade level: 7, 8

Prerequisite: No

Course description: This semester-long elective course will explore many of the culinary regions of the world through discovery, research, and hands-on practice. We will be studying cooking techniques, food preparation, ingredient sources, and overall nutrition. We will also learn how to use the appropriate tools and equipment needed for each cooking lab. All cooking labs and lessons are designed to teach and inspire students to enjoy cooking and foster the understanding that cooking is a universal language. You will have the opportunity to acquire the Oregon Food Handlers Card, meet local chefs, explore using technology and literature, and practice new cooking skills at home and at school. (1 semester)

Junior High Innovations NOT OFFERED 22-23 school year

Grade level: 6, 7, 8

Prerequisite: No

Course description: Innovations provides students with an introduction into computer science, engineering and design thinking. Students will code a computer game, a cellphone app, learn to wire up and program circuits, and also create custom shoe soles by casting and molding or developing electronic textiles. Access to engineering software is granted upon signing up for this course. Students have access to utilizing 3D printers for school projects. (1 semester)

Junior High PE

Grade level: 6, 7, 8

Prerequisite: No

Course description: Focuses on teaching team sports and generally being active. Students will be asked to participate in a variety of physical activities.(1 semester)

Junior High Reading Exploration

Grade Level: 6, 7, 8

Prerequisite: None

Course description: This is a class dedicated to silent readers and students who would like to practice or improve their reading skills. (1 semester)

Junior High Career Exploration

Grade Level: 7, 8

Prerequisite: None

Course description: Explore careers in over fifteen different career areas. From the energy field to human resources and from law to transportation, students learn more about what careers are available and what they need to do to get there. Students can examine how to choose the career that is best for them based on their unique personality and interests. (1 semester).

6th Grade Transitions

Grade level: 6

Course description: 6th-grade transitions and literacy is a class to help students transition to 6th grade. Organization, note-taking, email etiquette, and study skills will be emphasized and practiced. Bullying prevention, social skills, and other social/emotional topics will be discussed. (1 Semester)