

Plotting a Course for the Future

**Dayton High School
Curriculum Guide
2019-2020**

DRAFT for Forecasting

Dayton 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 student have a successful high school career, find their passion and help them pursue it upon graduation. 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 High School. Take the time to review the handbook carefully. As students prepare to forecast for 2018-2019 coursework, it is important to review the minimum requirements for all Dayton Diplomas. Every Dayton graduate must:

1. Earn the minimum credits by categories for the diploma type.
2. Meet the Essential Skill proficiency requirements in reading, writing, and mathematics.
3. Meet the personalized learning requirements by completing a Personalized Education Plan (PEP) which includes a resume and Career Related Learning Experience reflection.

When Forecasting for next year, please keep in mind:

- Not all courses are offered at 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.

Class of 2020

Graduation Requirements and Diploma Types

- Each Class at Dayton High School is worth 0.5 credit (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.

Honors Diploma	
Language Arts (English)	4.0 credits (LA)
Math	3.0 credits (MA)
Science Survey	2.0 credits (SC)
Advanced Science	1.0 credit (AS)
Geography	0.5 Credit (GE)
US History	1.0 credit (US)
Gov't and Civics	0.5 credit (GV)
Economics	0.5 credit (EC)
Social Studies Elective	0.5 credit (SS)
Physical Education 1	0.5 credit (P1)
Physical Education 2	0.5 credit (P2)
Health	1.0 credit (HE)
Second Language	2.0 credits (SL)
Career/Technical Ed.	1.0 credit (CT)
Fine arts	1.0 credit (FA)
Electives	8.0 credits (EL)
Total	27 credits

Standard Diploma	
Language Arts (English)	4.0 credits (LA)
Math	3.0 credits (MA)
Science Survey	2.0 credits (SC)
Advanced Science	1.0 credit (AS)
Geography	0.5 Credit (GE)
US History	1.0 credit (US)
Gov't and Civics	0.5 credit (GV)
Economics	0.5 credit (EC)
Social Studies Elective	0.5 credit (SS)
Physical Education 1	0.5 credit (P1)
Physical Education 2	0.5 credit (P2)
Health	1.0 credit (HE)
Second Language	2.0 credits (SL)
Career/Technical Ed.	1.0 credit (CT)
Fine arts	1.0 credit (FA)
Electives	8.0 credit (EL)
Total	27 credits

Additionally, All students must show mastery of the Essential Skills mandated by the state. For graduation, students must be able to:

- Read and comprehend a variety of text; and
- Write clearly and accurately
- Apply mathematics in a variety of settings.

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

- Earn 1.0 credit of Dual-Credit/Honors offerings at Dayton HS
- Have a cumulative GPA of 3.25 or better
- Earn C's or better in all core classes (Language Arts, Math, Science, Social Studies, Second Language)
- Meet or exceed all statewide assessments required by the state of Oregon.

Class of 2021, 2022 & 2023

Graduation Requirements and Diploma Types

- Each class at Dayton High School is worth .5 credit (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.

CREDIT REQUIREMENTS		Personalized Learning Requirements: <ul style="list-style-type: none"> ❖ Education Plan and Profile ❖ Career-Related Learning Experiences ❖ Extended Application Essential Skill Requirements: <ul style="list-style-type: none"> ❖ Read and comprehend a variety of texts ❖ Write clearly and accurately ❖ Apply mathematics in a variety of settings
Language Arts (English)	4.0 credits (LA)	
Math	3.0 credits (MA)	
Science	3.0 credits (SC)	
Social Studies	3.0 credits (SS)	
Physical Education	1.0 credit (PE)	
Health	1.0 credit (HE)	
Second Language	2.0 credits (SL)	
Career/Tech & Arts	2.0 credits (CF)	
Electives	8.0 credits (EL)	
Total	27 credits	

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

- Earn a 1.0 credit of Dual-Credit/Honors offerings and DHS
- Have a cumulative GPA of 3.5 or better
- Earn B's or better in all core classes (Language Arts, Math, Science, Social Studies, Second Language)
- Meet or exceed all statewide assessments required by the State of Oregon

Other information:

- Students meet once a year with a class advisor to assess credits, work on their Personalized Education Plan (PEP) and profile, and track other personalized learning requirements.
- Students can meet Essential Skill requirements through state testing Junior year. If they do not meet at that time, they will work with a coordinator Senior year for another chance, and also explore other options to meet these skills.

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 their forecasting sheet 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:
 - Teacher requests
 - Peer requests
 - Changing unwanted electives

Dropping a Class

Freshmen and sophomores are not allowed to drop any classes. Juniors and seniors, if on track to graduate, may drop a class for an “Open Period - Late Arrival & Early Release” during the first two weeks (ten school days), of each semester. Any class drop requested after the first two weeks (10 school days), will require a completed “Open Period Request” form and the student will receive an “F” for the class dropped.

Changing Class to a Pass/No Pass

Students may take some classes on a Pass/No Pass basis. Students will need approval from the teacher, counselor and administrator. The arrangement to make a class Pass/Fail must be made during the first five weeks of class.

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.**

Current College Credit Now offerings at Dayton High School:

- College Math (College Algebra MTH 111, Trigonometry MTH 112)
- Calculus (Differential Calculus MTH 251, Integral Calculus MTH 252)
- College Writing (WR 121, WR 122)
- Writing 115 & Literature (WR 115)

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:

- Advanced Agriculture
- Horticulture
- Horticulture Intern
- Mechanics
- Natural Resources

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 term. The student has the potential to earn college credit in the following courses.

- Animal Science (ANS 121 4 credits)
- Crops (CSS 200 3 credits)
- Plant Propagation (HT8137 4 credits)
- Computers in Ag (AG 111 3 credits)
- Soils (CSS 205 4 credits)

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. Classes available here at Dayton High School are:

- Advanced Biology (BIO 101, 102)
- Anatomy & Physiology (BIO 103)
- Psychology (PSYCH 201)
- Abnormal Psychology (PSYCH 202)
- Law & Debate (COMM 111)
- Inorganic Chemistry (CHEM 150 with lab)
- ASB Leadership (Speech 111)

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 2019-2020

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
Aug 24, 2019			
Oct 5, 2019			
Nov 2, 2019			
Dec 7, 2019			
Mar 14, 2019			
May 2, 2020			
June 6, 2020			

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*

Academic Courses

CAREER TECHNICAL COURSES

Beginning Agriculture A & B

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

Grade level: 9-12

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. (1 semester)

Advanced Agriculture A, B, & C

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

Grade level: 9-12

Credit: 0.5

Prerequisite: Beginning Agriculture

CCN: Yes Linn-Benton

Course description: Building on the skills learned in Beginning Ag, students focus on in-depth animal science and crop science, with topics varying, depending on trimester/time of year. **This course is a dual-credit course through Linn-Benton Community College. (1 semester)

Horticulture A & B

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

Grade level: 9-12

Credit: 0.5

Prerequisite: None

CCN: Yes Linn-Benton

Course description: 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. **This course is a dual-credit course through Linn-Benton Community College. (1 semester)

Horticulture Intern

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: This course involves working in the DHS 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 resume, and be involved with sales of green house plants. Students could also potentially work in the tissue culture lab. **This course is a dual-credit course through Linn-Benton Community College. (1 semester)

Innovations

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

Grade level: 9-12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: Innovations provides students with an introduction into computer science and 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 sole by casting and molding or develop electronic textiles. Access to engineering software is granted upon the signing up for this course and students have access to utilizing 3D printers for school projects. (1 semester)

Advanced Innovations

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

Grade level: 9-12

Credit: 0.5

Prerequisite: Innovations

CCN: No

Course description: Advanced innovations student are be able to pursue their very 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 or 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)

Mechanics

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

Grade level: 9-12

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. **This course is a dual-credit course through Linn-Benton Community College. (1 semester)

Media/Production

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

Grade Level: 9-12

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)

Natural Resources A & B

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

Grade level: 10-12

Credit: 0.5

Prerequisite: Beginning Agriculture

CCN: Yes Linn-Benton

Course description: 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 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. **This course is a dual-credit course through Linn-Benton Community College. (1 semester)

Robotics

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

Grade Level: 9-12

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 consist of lectures including principles of engineering, physics, electronics, mechanics, and computer programming. Laboratory experiments will require students to build simple robots to demonstrate these principles. (1 semester)

Tissue Culture Lab

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

Grade Level: 11-12

Credit: 0.5

Prerequisite: Teacher approval, previous agriculture class; successful completion of Physical Science and Life Science courses is suggested

CCN: Yes Linn-Benton

Course description: 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)

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 transportation

CCN: No

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)

FINE ARTS COURSES

Intro to Art

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

Grade level: 9-12

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 trimester. 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: 9-12

Credit: 0.5

Prerequisite: Introductory 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. 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 Art

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

Grade level: 9-12

Credit: 0.5

Prerequisite: Introductory 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 assemblage sculpture, ceramics, and visual problems 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.

Ceramics

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

Grade level: 9-12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: This class will focus on handbuilding with clay and throwing on the pottery wheel. You will begin by increasing your knowledge of the different types of clay, recycling, and handling it 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 you will know how to throw on a pottery wheel to create pots, bowls and mugs. You will also learn the process of glazing.

Band

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

Grade level: 9-12

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, plays at 6-8 Basketball games, plays 3-4 concerts, and participates in 2-3 Band Festivals a year. The Band also performs for the Graduation and May Court ceremonies. (1 year)

Choir

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

Grade level: 9-12

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: 9-12

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 '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)

FOREIGN / SECOND LANGUAGES

Spanish 1 A & B

Graduation requirement credit: Second Language (SL or EL)

Grade level: 10

Credit: 1.0

Prerequisite: None

CCN: No

Course description: Spanish 1 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 2 A & B

Graduation requirement credit: Second Language (SL or EL)

Grade level: 11

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.

Spanish for Native Speakers A & B

Graduation requirement credit: Second Language (SL or EL)

Grade level: 10, 11

Credit: 1.0

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

CCN: No

Course description: Spanish for Native Speakers is designed to give native or non-native fluent Spanish speakers instruction in proper written, read and spoken Spanish as well as in other content areas such as geography, history, social studies and the arts in Spanish.

HEALTH & PHYSICAL EDUCATION COURSES

Health 1

Graduation requirement credit: Health (HE)

Grade level: 9 or 10

Credit: 0.5

Prerequisites: None

CCN: No

Course description: Health 1 includes instruction related to Noninfectious Diseases, Alcohol and Drug Abuse, First Aid, Nutrition, and Reproductive Health. (1 semester)

Health 2

Graduation requirement credit: Health (HE)

Grade level: 11

Credit: 0.5

Prerequisites: Health 1

CCN: No

Course description: Health 2 includes instruction related to Mental Disorders, Stress Prevention, Infectious Disease and Physical Fitness. Learning the relationship of healthy living and disease prevention will be emphasized. (1 semester)

Independent Research Health (IR-Health)

Graduation requirement credit: Elective (EL)

Grade level: 10-12

Credit: 0.5

Prerequisites: Health 1

CCN: No

Course description: Independent research allows the student to explore a health topic of interest under the close supervision of a faculty member. It is for students interested in health occupations, wellness, nutrition, or fitness that would like the opportunity to research and participate in deeper learning in these or other health topics. Students will participate in a variety of short “sprint” style projects designed to give the learner an opportunity to get involved with different aspects of one or more of the nine major areas of wellness: physical, emotional, social, mental, consumer/financial, environmental, spiritual, occupational, and community. (1 semester)

Physical Education 1

Graduation requirement credit: Physical Education (P1/PE or EL)

Grade level: 9-10

Credit: 0.5

Prerequisites: None

CCN: No

Course description: This class could include a variety of games, such as basketball, or walking/jogging, aerobics or circuit training. (1 semester)

Advanced P.E.

Graduation requirement credit: Physical Education 2 (P2/PE or EL)

Grade level: 9-12

Credit: 0.5

Prerequisites: PE 1

CCN: No

Course description: Students will be introduced and participate in a variety of team and individual games/sports that may include but are not limited to the following: football; soccer; softball; track; Frisbee games; basketball; volleyball; kickball; badminton and backyard games. This class will utilize both indoor and outdoor facilities at Dayton High School. It will include journaling, as students set and track personal fitness goals. (1 semester)

Beginning Weight Training

Graduation requirement credit: Physical Education 2 (P2/PE or EL)

Grade level: 9-12

Credit: 0.5

Prerequisites: None

CCN: No

Course description: This course will introduce and familiarize students to our weight room, and teach the proper techniques used to correctly and safely execute a variety of fundamental lifts. Basic anatomy will be used in the curriculum to improve the students' understanding of strength training and its benefit to overall fitness. Students will learn the elements required in developing a variety of basic lifting programs. (1 semester)

Advanced Weight Training

Graduation requirement credit: Physical Education 2 (P2/PE or EL)

Grade level: 9-12

Credit: 0.5

Prerequisites: Beginning Weight Training

CCN: No

Course description: In this course students will use the skills learning in Beginning Weight Training to develop and/or follow an advanced lifting program (i.e.: bigger, faster, stronger). This course is designed for the lifter who has experience with, and understands the importance of, proper technique and who is self-motivated to work daily to improve their strength and muscular endurance. (1 semester)

Sport Conditioning

Graduation requirement credit: Physical Education (P2/PE or EL)

Grade level: 9-12

Credit: 0.5

Prerequisites: None, although being highly active or an athlete recommended

CCN: No

Course description: Sport Conditioning course emphasizes conditioning activities that help develop muscular strength, flexibility, and cardiovascular fitness. Includes a comprehensive weight training regimen, speed training and conditioning, yoga principles and core strength development. Full engagement is expected.

Individualized Fitness

Graduation requirement credit: Physical Education (P2, PE)

Grade level: 9-12

Credit: 0.5

Prerequisites: Approval by Counselor

CCN: No

Course Description: Emphasis on activities students can pursue outside the classroom setting. If students are involved in a school sport, club sport or other activity such as karate or dance outside the school hours, they could earn PE credits. Students are expected to complete a 65 hr. fitness log and a 2-3 page reflection journal entry, documented weekly. Activities may not last more than 90 minutes per day. All paperwork is due 10 days prior to the end of the semester. This class is intended for students that have a academic schedule or disability that prevents them from enrolling in the other physical education courses that are offered.

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 level by working in classrooms to determine if education is the field of choice for student's career. Student 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. Student 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: Chemeketa-administered placement test, with minimum score to place into the class; C or better in the first term to continue to the next term for Chemeketa credit.

CCN: Yes, Chemeketa Community College

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.

College Writing B (Writing 122)

Graduation requirement credit: Language Arts (LA) 

Grade level: 12

Credit: 0.5

Prerequisites: Chemeketa-administered placement test, with minimum score to place into the class; C or better in the first term to continue to the next term for Chemeketa credit.

CCN: Yes, Chemeketa Community College

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.

English Language Art and Essential Skills (ELA- Ess Skills)

Graduation requirement credit: Language Arts (LA)

Grade level: 12

Credit: 1.0

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, 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 year)

English 1 A & B

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 of 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, beginning annotating of texts, and basic grammar. (2 semesters)

English 2 A & B

Graduation requirement credit: Language Arts (LA) 

Grade level: 10

Credit: 1.0

Prerequisites: English 1

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: Write a basic argumentative research paper, cite a source (MLA) with a Works Cited page and in-text citations, how to present work to the class (Google Slide), annotate novels, various non-fiction texts, and audio/visual components, grammar (2 semesters)

English 3 A

Graduation requirement credit: Language Arts (LA) 

Grade level: 11

Credit: .0.5

Prerequisites: English 2

Course description: Students will focus on writing the more advanced writing strategies. This class will serve as the groundwork for performance on the state writing assessment second term of Junior year. Students will also increase their knowledge of plot structure, character and literary analysis by reading a variety of works write a argumentative research paper, cite a source (MLA) with a Works Cited page and in-text citations, how to present work to the class (in various forms), annotate novels, various non-fiction texts, and audio/visual components, and grammar. (1 semester)

Beginning/Intermediate English Language Development (ELD)

Graduation requirement credit: Elective (EL)

Grade level: 9-12

Credit: 1.0

Prerequisites: ELPA scores/teacher placement

CCN: No

Course description: This course focuses on the English reading, writing, speaking, and listening skills necessary to perform successfully in high school classes for limited English proficient students. Beginning and early intermediate students will learn basic vocabulary and the grammatical structure of English. The course uses specifically designed instruction to help students meet their language learning goals. (1 year)

Intermediate/Advanced English Language Development (ELD)

Graduation requirement credit: Elective (EL)

Grade level: 9-12

Credit: 1.0

Prerequisites: ELPA scores/teacher placement

CCN: No

Course description: This course focuses on the English reading, writing, speaking and listening skills necessary to perform successfully in high school classes for limited English proficient students. Intermediate and early advanced students will expand their vocabularies and knowledge about English language functions and forms. The course uses specifically designed instruction to help students meet their language learning goals. (1 year)

Independent Research Language Arts (IR-LA)

Graduation requirement credit: Language Arts (LA)



Grade level: 10, 11 or 12

Credit: 0.5

Prerequisites: None

CCN: No

Course description: LA Independent Research allows the student to explore an English topic of interest under the close supervision of a faculty member. The course may include directed reading and writing, applied work, and carrying out an independent research project, or other activities deemed appropriate by the teacher. This class is earning English credits therefore the topics and work will relate to Language Arts standards. (1 semester)

Creative Writing 1

Graduation requirement credit: Language Arts (LA)



Grade level: 11 or 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, practice listening, speaking, 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. Creative Writing study similar themes, with a more in-depth focus and more rigorous materials in Creative Writing 2.

Creative Writing 2

Graduation requirement credit: Language Arts (LA)



Grade level: 11 or 12

Credit: 0.5

Prerequisites: Creative Writing 1

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, practice listening, speaking, 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. Creative Writing study similar themes, with a more in-depth focus and more rigorous materials in Creative Writing 2 which will include a more rigorous approach to writing and read as a professional, intro to publication, workshop-style writing and sharing as well as growing the writing community here at Dayton.

Plays

Graduation requirement credit: Language Arts (LA)



Grade level: 11 or 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 focuses on reading 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

Graduation requirement credit: Language Arts (LA)



Grade level: 10, 11 or 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 Standard (Reading, Writing, Language, and Speaking/Listening) will be the focus. Throughout the semester students will read fiction and non-fiction selections, practice listening, speaking, vocabulary, and grammar, and 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. Sports Literature 1 and 2 will study similar themes, with a more in-depth focus and more rigorous materials in Sports Lit 2. (1 semester)

World Literature 1

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 Standard (Reading, Writing, Language, and Speaking/Listening) will be the focus. Throughout the semester students will read fiction and non-fiction selections, practice listening, speaking, vocabulary, and grammar, and produce a variety of writing samples. Reading fiction, poetry and studying art from international writers and artists throughout history focusing on, but not limited to Ancient literature, Renaissance, Modernism, and Postmodernism.

World Literature 2

Graduation requirement credit: Language Arts (LA)



Grade level: 11 & 12

Credit: 0.5

Prerequisites: World Literature 1

CCN: No

Course description: World Literature 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, practice listening, speaking, vocabulary, and grammar, and produce a variety of writing samples. Reading fiction, poetry and studying art from international writers and artists throughout history focusing on, but not limited to Ancient literature, Renaissance, Modernism, and Postmodernism. This class will involve a more rigorous and academic approach to both the subject as well as readings and writing requirements from World Literature 1. Beyond that, a more formulaic and academic approach to the topics will be the focus.

Writing 115 & Literature

Graduation requirement credit: Language Arts (LA)



Grade level: 11 / 12

Credit: 0.5

Prerequisites: Chemeketa-administered placement test, with minimum score to place into the class

CCN: Yes, Chemeketa Community College

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. (1 semester)

MATHEMATICS COURSES

AGS 1 (Algebra/Geometry/Statistics)

Graduation requirement credit: Mathematics (MA)

Grade level: 9-10

Credit: 1.0

Prerequisites: Teacher Placement

CCN: No

Course description: The Algebra/Geometry/Statistics course focuses on the concepts needed for successful preparation for essential skills. This course is intended for students who often struggle to understand math concepts. (1 year)

AGS 2 (Algebra/Geometry/Statistics)

Graduation requirement credit: Mathematics (MA)

Grade level: 9-10

Credit: 1.0

Prerequisites: Teacher Placement

CCN: No

Course description: The Algebra/Geometry/Statistics course focuses on the concepts needed for successful preparation for essential skills. This course is intended for students who often struggle to understand math concepts. AGS 1 & 2 will study similar themes, with a more in-depth focus and more rigorous materials in AGS 2. (1 year)

Calculus A & B

Graduation requirement credit: Mathematics (MA) 

Grade level: 10-12

Credit: 1.0

Prerequisites: C or better in College Math

CCN: Yes, Chemeketa Community College

Course description: This course furthers the study of functions, including the extension to limits, derivatives and integration. It also extends the study of analytical geometry. Students receiving a C or better can receive college credit in MTH 251 and MTH 252. (1 year)

College Math

Graduation requirement credit: Mathematics (MA) 

Grade level: 10-12

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 and series and probability. The trigonometry portion includes the study 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 2 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 skill. 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)

Integrated Math 1, 2, and 3

Graduation requirement credit: Mathematics (MA) 

Grade level: 9-12

Credit: 1.0

Prerequisites: Teacher placement

CCN: No

Course description: This course emphasizes the teaching of mathematics as problem solving, communication, and reasoning, and emphasizes the connections among mathematical topics and between mathematics and other disciplines. The multi-year sequence of Integrated Math replaces the traditional Algebra I, Geometry, Algebra II sequence of courses, and usually covers several topics during a three year sequence. (1 year)

Math FUNdamentals

Graduation requirement credit: Elective (EL)

Grade level: 09

Credit: 1.0

Prerequisites: Teacher Placement

CCN: No

Course description: In this course, students will complete integrated Algebra and Geometry units that focus on problem-solving and preparing students for future success in Integrated Math 1 as well as on the Smarter Balanced Assessment. This course will also include probability and data literacy. (1 year)

SCIENCE COURSES

Integrated Science 9

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)

Integrated Science 10

Graduation requirement credit: General Science (SC)

Grade level: 10

Credit: 1.0

Prerequisites: None

CCN: No

Course description: Integrated Science 10 is a class focused on concepts in the Physical and Earth 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. The class involves a variety of integrated units including chemistry, waves, forces, astronomy, geology, and natural resources. (1 year)

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: Yes, Willamette Promise

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 can receive credit for BIO 101 (4 quarter units) through Willamette Promise.

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: Yes, Willamette Promise

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.

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 and 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 that may be covered include nomenclature, bonding molecular structure and reactivity, reaction mechanisms, and current spectroscopic techniques. (1 semester)

Anatomy & Physiology - Bio 103

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

Grade level: 10-12

Credit: 0.5

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

CCN: Yes, Willamette Promise

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 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 and prepare for college. If you are interested in a different career, this would be a great college elective. 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)

Independent Research Life Science

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

Grade level: 10-12

Credit: 0.5

Prerequisites: 9th Grade Integrated Science

CCN: No

Course description: Independent Research allows the student to explore a topic of interest under the close supervision of a faculty member. This course would be an opportunity for students to select a scientific topic of interest in the area of life science. Life Science Project Examples- learning about the lives of sea turtles, experimenting with hermit crab behavior, exploring the genetic causes of diseases, presenting the different types of plants and animals in different ecosystems, or creating sculptures of different types of cells. Students are required to develop project proposals, complete two research projects, design and conduct two experiments (usually on your fellow students!), and analyze the results of their experiments. You will also need to evaluate the sources that you use for your research for two projects. Students are able to choose the topic for their projects and the way the information is presented. This could be a paper, a presentation, a poster, or a model. The goal for this class is for you to learn about topics you choose! This class may result in a language arts credit upon meeting the requirements set by the Language Arts department. (1 semester)

Independent Research Earth Science

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

Grade level: 10-12

Credit: 0.5

Prerequisites: 9th Grade Integrated Science

CCN: No

Course description: Independent Research allows the student to explore a topic of interest under the close supervision of a faculty member. This course would be an opportunity for students to select a scientific topic of interest in the area of earth and space. Earth Science Project samples - learning about new discoveries in Astronomy, exploring earthquakes and volcanoes, learning about oceanography, setting up a weather station, tracking Earthquakes, collecting data on Tornadoes and Hurricanes. Students are required to develop project proposals, complete two research projects, design and conduct two experiments, and analyze the results of their experiments. You will also need to evaluate the sources that you use for your research for two projects. Students are able to choose the topic for their projects and the way the information is presented. This could be a paper, a presentation, a poster, or a model. The goal for this class is for you to learn about topics you choose. (1 semester)

Independent Research Environmental Science

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

Grade level: 10-12

Credit: 0.5

Prerequisites: 9th Grade Integrated Science

CCN: No

Course description: Independent Research allows the student to explore a topic of interest under the close supervision of a faculty member. This course would be an opportunity for students to select a scientific topic of interest in the area of environmental science. Environmental Science Project Examples- exploring biodiversity in different habitats, examining sustainability issues in our school, identifying causes of pollution in our air, water and soil and finding ways to prevent them, human populations and resource use, or learning about alternative energy sources. Students are required to develop project proposals, complete two research projects, design and conduct two experiments (possible using live organisms!), and analyze the results of their experiments. You will also need to evaluate the sources that you use for your research for two projects. Students are able to choose the topic for their projects and the way the information is presented. This could be a paper, a presentation, a poster, or a model. The goal for this class is for you to learn about topics you are interested in learning about! This class may result in a language arts credit upon meeting the requirements set by the Language Arts department. (1 semester)

Independent Research Physical Science

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

Grade level: 10-12

Credit: 0.5

Prerequisites: 9th Grade Integrated Science

CCN: No

Course description: Independent Research allows the student to explore a topic of interest under the close supervision of a faculty member. This course would be an opportunity for students to select a scientific topic of interest in the area of physical science. Physical science project examples - designing and building structures, designing and building an electric car, learning about lenses, light, and color. Students are required to develop project proposals, complete two research projects, design and conduct two experiments (possible using live organisms!), and analyze the results of their experiments. You will also need to evaluate the sources that you use for your research for two projects. Students are able to choose the topic for their projects and the way the information is presented. This could be a paper, a presentation, a poster, or a model. The goal for this class is for you to learn about topics you are interested in learning about! This class may result in a language arts credit upon meeting the requirements set by the Language Arts department. (1 semester)

Conceptual Physics

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

Grade level: 11-12

Credit: 0.5

Prerequisites: 9th & 10th Grade Integrated Sciences

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 semester)

Exercise Science

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

Grade level: 10-12

Credit: 0.5

Prerequisites: Successful completion of Integrated Science 9A & 9B

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)

Forensics / Microbiology

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

Grade level: 10-12

Credit: 0.5


Prerequisites: Successful completion of Integrated 9A and 9B.

CCN: No

Course description: This class will explore the invisible world of viruses and bacteria as well as apply microscope and analytical skills with a forensics unit. 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: 9 or 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.

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. (2 semesters)

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 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 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 changes with variables. Also covered is personal finance. (1 semester)

Horrible Histories

Graduation requirement credit: Social Studies (SS or EL)

Grade level: 9-12


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: Yes, Willamette Promise

Course description: This course is an overview of basic principles of psychology. It will cover the inner workings of the human mind, and 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: Yes, 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.

Law & Debate

Graduation requirement credit: Social Studies (SS or EL)

Grade level: 10-12

Credit: 0.5

Prerequisite: None

CCN: Yes, Willamette Promise COMM 111

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)

Independent Research Social Studies

Graduation requirement credit: Social Studies (SS or EL)

Grade level: 9-12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: Social Studies Independent Research is a course in which students design an original research study or creative production in a self-selected area of interest. Under the guidance of the teacher, each student will identify a topic within the Social Studies content, and will create a presentation of their choosing. Students will collaborate and receive ongoing feedback from their peers and the teacher.

Youth and Government

Graduation requirement credit: Social Studies (SS or EL)

Grade level: 9-12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: Youth and Government is 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.

OTHER ELECTIVE COURSES

AVID 9

Graduation requirement credit: Electives (EL)

Grade level: 09

Credit: 0.5

Prerequisite: Teacher placement & acceptance to program

CCN: No

Course description: AVID (Advancement Via Individual Determination) prepares students for success in high school, college, and a career. AVID teaches skills and behaviors for academic success, creates positive peer groups that develop student's critical thinking, literacy, and math skills.

AVID 10

Graduation requirement credit: Electives (EL)

Grade level: 10

Credit: 0.5

Prerequisite: Teacher placement & acceptance to program

CCN: No

Course description: AVID (Advancement Via Individual Determination) prepares students for success in high school, college, and a career. AVID teaches skills and behaviors for academic success, creates positive peer groups that develop student's critical thinking, literacy, and math skills.

AVID 11/12

Graduation requirement credit: Electives (EL)

Grade level: 11 & 12

Credit: 0.5

Prerequisite: Teacher placement & acceptance to program

CCN: No

Course description: AVID (Advancement Via Individual Determination) prepares students for success in high school, college, and a career. AVID teaches skills and behaviors for academic success, creates positive peer groups that develop student's critical thinking, literacy, and math skills. Upperclassmen will get guidance in college applications, financial aid and scholarships.

AVID Tutor

Graduation requirement credit: Electives (EL)

Grade level: 11 & 12

Credit: 0.5

Prerequisite: Teacher approval

CCN: No

Course description: AVID tutors will support high school students enrolled in the AVID elective course by providing direct instructional support to students with the assistance of an AVID elective course teacher. In addition, they will serve as role models to students. AVID tutors are critically essential to student success in the AVID elective course and beyond!

ASB Leadership

Graduation requirement credit: Elective (EL)

Grade level: 9-12

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.

Culinary Arts

Graduation requirement credit: Elective (EL)

Grade level: 9-12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: This course introduces the basic principles of sanitation and safety relative to the hospitality industry. Topics include personal hygiene, sanitation and safety regulations, use and care of equipment, the principles of food-borne illness, and other related topics. This course involves both theory and actual hands-on lab and work experience.

Popular Music Through Time

Graduation requirement credit: Elective (EL)

Grade level: 9-12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: In this course we will use music to learn about how music and the technology used to make it have changed through time. We will talk about the impact music has in our lives and how it affects our moods and our behaviour. We will also discuss how music has influenced society and how society has influenced music. As it relates to time, we will be looking at music from as early as the late 1800s all the way up to today. 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.

Mexico: Before and After the Conquest

Graduation requirement credit: Elective (EL)

Grade level: 9-12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: Come learn with me about Mexico and its rich history. We will study the most important civilizations. We will learn about how Mexico has been shaped by its history and how Mexico has help shape

the history of the world. We will discuss the origins of many or Mexico's traditions and learn about what it means to be of Mexican heritage in today's world.

Study Hall

Graduation requirement credit: Elective (EL)

Grade level: 9-12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: Study Hall is a class designed to allow students who need more time to work on their other classes. Students use Study Hall for school related work, which may include, completing other class assignments or projects, reading, preparing for tests or college exams, and working on college and scholarships applications. This use of cell phones, social media and watching movies for enjoyment are not allowed. Study Hall should be treated as a quiet time for studying and learning. Students should come to class each day prepared with materials to work. This is a Pass/No Pass class and 80% attendance is required to pass.

Online Classes - Credit Recovery

Graduation requirement credit: Depending on class

Grade level: 10-12

Credit: 0.5

Prerequisite: Having failed one or more core class

CCN: No

Course description: To recover classes from previous years, students use the online internet Odysseyware platform. Students should be motivated to work at a pace that would have them finishing a class every 12 weeks. Students would only receive credit for this period through their completion of online classes.

Online Classes - Plus

Graduation requirement credit: Depending on Class

Grade level: 10-12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: These are classes that are on the online internet Odysseyware platform. Students can choose from a variety of career and technical, social studies, music, and art courses. These are classes that are not offered at Dayton High School. The expectation is that students would complete one class during the semester. Students would only receive credit for this period through their completion of online classes.

Peer Assistant

Graduation requirement credit: Elective (EL)

Grade level: 9-12

Credit: 0.5

Prerequisite: Application and teacher approval

CCN: No

Course description: Peer assistants help in 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: 9-12

Credit: 0.5

Prerequisite: 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. (1 semester)

Math Mentor

Graduation requirement credit: Elective (EL)

Grade level: 9-12

Credit: 0.5

Prerequisite: Teacher approval

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: 9-12

Credit: 0.5

Prerequisite: Teacher approval

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: 9-12

Credit: 0.5

Prerequisite: Teacher approval

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)

Service Learning/Community Service

Graduation requirement credit: Elective (EL)

Grade level: 9-12

Credit: 0.5

Prerequisite: By permission only.

CCN: No

Course description: Students will earn .50 elective credit for this course when 65 volunteer hours have been verified and the School to Work Coordinator has accepted a one and a half to two page typed summary. A volunteer site(s) may be any non-profit or humanitarian business/agency with a designated supervisor present at the worksite (not a parent). A maximum of two credits during your high school experience is available. (1 semester)

Teacher Aide

Graduation requirement credit: Elective (EL)

Grade level: 10-12

Credit: 0.5

Prerequisite: Approval, based on academics, attendance, and behavior

CCN: No

Course description: Students will have an opportunity for hands-on experience with staff members, providing assistance in a variety of areas. Students have the opportunity to experience office systems in the junior and/or high school, computer technology and workforce dynamics. This is a Pass/No Pass class and 80% attendance is required to pass. (1 semester)

DHS Champs

Graduation requirement credit: Elective (EL)

Grade level: 9-12

Credit: 0.5

Prerequisite: Application & Teacher Approval

CCN: No

Course Description: To assist the Principal, Assistant Principal/Athletic Director or School Technology Director(s) in functions including communication, athletics, and technology support/infrastructure. Champ duties may include: Setup and/or clean up for games, assemblies, and other events; Maintaining current audio visual equipment; Performing clerical duties like making phone calls, confirming game officials and transportation; greeting officials or visiting teams; Doing school announcements, reader board, writing content for website, and social media; Assisting with set-up of concessions and/or purchasing concession items; Creating and updating sports rosters and programs; 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.