

DAYTON SCHOOL DISTRICT

COMMUNITY. INTEGRITY. HOPE.

2025-2026

JUNIOR HIGH HIGH SCHOOL COURSE CATALOG



DAYTON SCHOOL DISTRICT

COMMUNITY. INTEGRITY. HOPE.

2025-2026

Thank you Amy Webster and Shane Wall for generously granting us permission to feature many of your outstanding photographs in this course catalog. Your talent and contributions have greatly enhanced the presentation of our offerings, and we are deeply appreciative of your continual support of our schools.



Dayton School District

At Dayton High School and Dayton Junior High School, our course offerings embody Community, Integrity, and Hope—fostering collaboration, academic excellence, and pathways to a bright future for every student.



Welcome to the 2025-2026 course catalog for Dayton Junior High School and Dayton High School! Our course offerings are carefully designed to align with the state of Oregon's graduation requirements while reflecting the expertise of our dedicated staff and, most importantly, the interests and aspirations of our students. We have prioritized providing advanced courses in each core subject area, expanding opportunities for dual credit, and offering life-skills courses to help students succeed after high school. Additionally, we have broadened our Career-Technical Education options and electives to support a variety of career pathways. With an emphasis on performance and visual arts, leadership development, and targeted support programs, we are committed to meeting each student's individual needs and goals. Whether you're looking to challenge yourself academically, explore your creative talents, or prepare for your future career, our diverse course offerings are designed to help you grow and succeed. We are excited to support you in discovering your passions and building the skills you need for a bright future!

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Vision

At Dayton Junior High School and Dayton High School, our vision for the 2025-2026 school year is to create a dynamic and inclusive learning environment that reflects the diverse needs and interests of our students.

By leveraging the expertise of our dedicated staff, and focusing on student input, we aim to offer a robust curriculum that prepares students for success both in school and beyond.

We are committed to providing advanced coursework in all core subject areas, expanding dual credit opportunities, and equipping students with essential life skills. Our vision includes a strong emphasis on Career-Technical Education, expanded arts offerings, and leadership development, while also providing targeted support for students who need additional help.

We strive to offer a wide range of opportunities that inspire creativity, foster personal growth, and empower every student to reach their fullest potential as they prepare for their future.





Graduation Requirements

to make the most of choices you make for your class schedule, you must know how credits work toward graduation at Dayton High School.

Starting in 9th grade, you begin earning credits that count toward the total you need to graduate. The only exception is if you take courses at the high school level, which can count for credit if you complete it before 9th grade.

Graduation requirements can vary from class-to-class. So, please make sure you speak with your counselor often so you have a complete understanding of how to make the most out of your education. By knowing the various requirements and planning your classes carefully, you can stay on track to meet all the requirements and be ready for whatever comes next!





Graduation Requirements Class of 2026

Standard Diploma (27 Credits)

<u>Subject</u>	<u>Credits</u>
Language Arts	4
Mathematics (Alg. 1 & Higher)	3
Science (Include 1 Advanced)	3
Social Studies (Include Civics)	3
World Language	2
Fine Arts	1
Career Technical	1
Physical Education	1
Health	1
Electives	8

*Honors Diploma (27 Credits)

<u>Subject</u>	<u>Credits</u>
Language Arts	4
Mathematics (Alg. 1 & Higher)	3
Science (Include 1 Advanced)	3
Social Studies (Include Civics)	3
World Language	2
Fine Arts	1
Career Technical	1
Physical Education	1
Health	1
Electives	8

In order to qualify for the Honors Diploma, students must also maintain the following:

- Earn at least 1.0 dual credit or honors offerings at Dayton HS
- Have a cumulative GPA of 3.5 or better between 9th-12th grade years
- Earn B's or better in all classes between 9th-12th grade years
- Meet Essential Skills requirement



Graduation Requirements Class of '27, '28, '29

Standard Diploma (25 Credits)

Honors Diploma (25 Credits)

<u>Subject</u>	<u>Credits</u>	<u>Subject</u>	<u>Credits</u>	OR	<u>Credits</u>
Language Arts	4	Language Arts	4		4
Mathematics (Alg. 1 & Higher)	3	Mathematics (Alg. 1 & Higher)	3		3
Science (Include 1 Advanced)	3	Science (Include 1 Advanced)	3		3
Social Studies (Include Civics)	3	Social Studies (Include Civics)	3		3
Career Technical Education CTE)	3	Career Technical Education CTE)	3		3
Health	1	World Language	2		1
Physical Education	1	Health	1		1
World Language	1	Physical Education	1		1
Personal Finance	.5	Personal Finance	.5		.5
PEP/Seminar	.5	PEP/Seminar	.5		.5
Electives	5	Electives	4		5

In order to qualify for the Honors Diploma, students must also maintain the following:

- Earn at least 1.0 dual credit or honors offerings at Dayton HS
- Have a cumulative GPA of 3.5 or better between 9th-12th grade years
- Earn B's or better in all classes between 9th-12th grade years
- Earn 2.0 credits of world language OR earn a CTE completer status

Forecasting

Forecasting is the process students go through in the Spring to select their desired course offering for the upcoming school year. Course Selection is done online during school hours. During designated days students are provided time to complete these tasks.

Forecasting is a request of classes a student would like to take. This is NOT an actual schedule of courses for the upcoming school year, but rather a list of potential classes.

Please note: it is NOT a guarantee that a student will receive all the classes they have selected.





Importance of Forecasting

Dayton School District makes important decisions regarding funding of teachers and programs based on student forecasting from the previous spring. Therefore, schedule changes are not allowed unless there are extenuating circumstances.

Students are advised to plan ahead by speaking with a parent/guardian, their counselor, and other staff 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.

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.

If there are extenuating circumstances, 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.

Athletic Eligibility

Athletic Eligibility

If a student plans to represent Dayton High School in any sport, there are specific requirements that the Oregon Schools Activities Association (OSAA) demands in order for the student to be eligible to play. These include:

- The student must have earned at least 2.5 credits from the previous semester.
- The student must be enrolled in at least 2.5 credit-bearing courses.
- The student must be 'on-track' to graduate. OSAA defines this as:
 - A sophomore must have earned at least 5 credits from the previous year.
 - A junior must have earned at least 11 credits upon the completion of the previous year.
 - A senior must have earned at least 19 credits upon the completion of the previous year.

Please note, Credit Recovery and Study Halls do not count as credits therefore are not considered when determining eligibility. Classes such as "Teacher's Aide", "Office Aide", and "Cadet" classes do count as long as there is a credit given at the end of the term.





Course Load & Dropping a Class

Course Load

Freshmen and sophomores are required to carry a full schedule. Juniors and seniors may apply for approval to carry fewer classes after if they are on track to graduate.

Open Periods

Juniors and seniors who want an open period will only be approved for either first, second, 6th or 7th period. In addition, students must turn in a completed parent permission form. Forms are available from your counselor and should be returned there when completed. All forms need to be turned in during the first week of each semester.

Dropping a Class

Freshmen and sophomores are not allowed to have an open period. Juniors and seniors, if on track to graduate, may drop a class for an “Open Period” during the first ten school days of each semester. They must complete and return the “Request for Schedule Change” form to their counselor.

Any class drops requested after the first ten school days of a semester will require a completed “Request for Schedule Change” form and the student will receive an “F” for the class dropped.



Schedules by Grade Level

At Dayton Junior High School (grades 6–8) and Dayton High School (grades 9–12), students generally follow a schedule that includes English-Language Arts, Mathematics, Science, and Social Studies (although some requirements may change slightly in senior year at the high school). Beyond these core subjects, there are many opportunities to explore additional interests through a range of electives. These can include Career Technical Education (CTE) courses, Performing Arts, Visual Arts, World Languages, Leadership, and various support classes (such as Seminars, AVID, Special Education, or English Learners). The goal at both Dayton Junior High School and Dayton High School is to provide a balanced education that helps students grow both academically and personally.

As students move from Dayton Junior High School into Dayton High School, their schedules typically become more flexible. They can choose electives and specialized classes based on what inspires them and what aligns with their future goals, whether that's preparing for college, developing career skills, or both. Many students also aim to earn dual credits (high school and college credit at the same time) and pursue academic honors. Combining these options might feel overwhelming—trying to fit every required class, support service, and high-level elective into one schedule isn't always easy.

Because of these many possibilities, we've created grade-level “templates” to help you plan. These templates, found on the following pages, show examples of how students can organize their courses each year, while staying on track for graduation and exploring their personal interests. If you have any questions, please reach out to your school counselor. We are here to partner with you and your family to make sure you have the schedule that best matches your goals, learning needs, and future ambitions. We look forward to working together in crafting a successful plan for your education!



Schedule Templates

6TH GRADE

- Language Arts - 6th
- Mathematics - 6th
- Science - 6th
- Social Studies - 6th
- Physical Education
- Seminar - 6th Grade

AND

- Leadership

OR

- Performing Arts (Band & Choir)

OR

- Visual Arts

OR

- Electives

7TH GRADE

- Language Arts - 7th
- Mathematics - 7th
- Science - 7th
- Social Studies - 7th
- Health
- Physical Education

AND

- Leadership

• or

- Performing Arts (Band & Choir)

• or

- Visual Arts

• or

- Electives

8TH GRADE

- Language Arts - 8th
- Mathematics - 8th or Algebra I
- Science - 8th
- Social Studies - 8th
- Health
- Physical Education
- Introduction to CTE

AND

- Leadership

OR

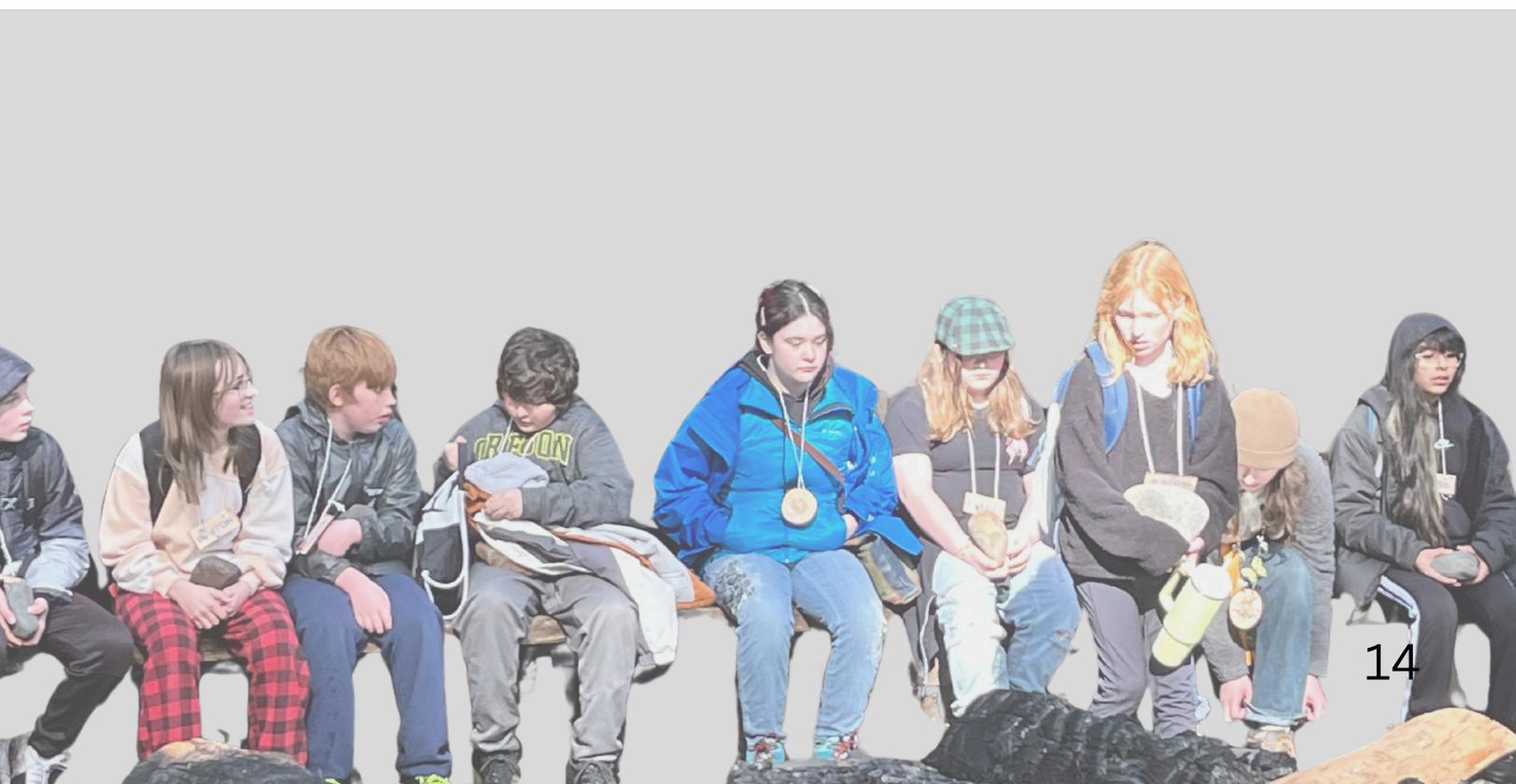
- Performing Arts (Band & Choir)

OR

- Visual Arts

OR

- Electives





Schedule Templates

FRESHMAN

- English 1 or Adv. English 1
- Algebra 1
- Biology or Adv. Biology
- U.S. History or Adv. U.S. History
- Health
- Physical Education

AND

- Career Technical Education

OR

- World Language

OR

- Electives

SOPHOMORE

- English 2 or Adv. English 2
- Geometry / Data Science
- Chemistry
- Global Studies or Adv. Global Studies
- Health
- Physical Education
- World Language

AND

- Career Technical Education

OR

- Electives

JUNIOR

- English 3 or Adv. English 3
- Algebra 2 or Financial Algebra
- Anatomy & Physiology or Forensics Science
- Government / Economics or Law/Debate
- Seminar or Personal Finance
- World Language

AND

- Career Technical Education (CTE)

OR

- Electives

SENIOR

- English 4 or College Writing
- College Algebra
- Anatomy & Physiology or Forensics Science
- Government / Economics or Law/Debate
- Personal Finance or Seminar

AND

- Career Technical Education (CTE)

OR

- World Language

OR

- Electives



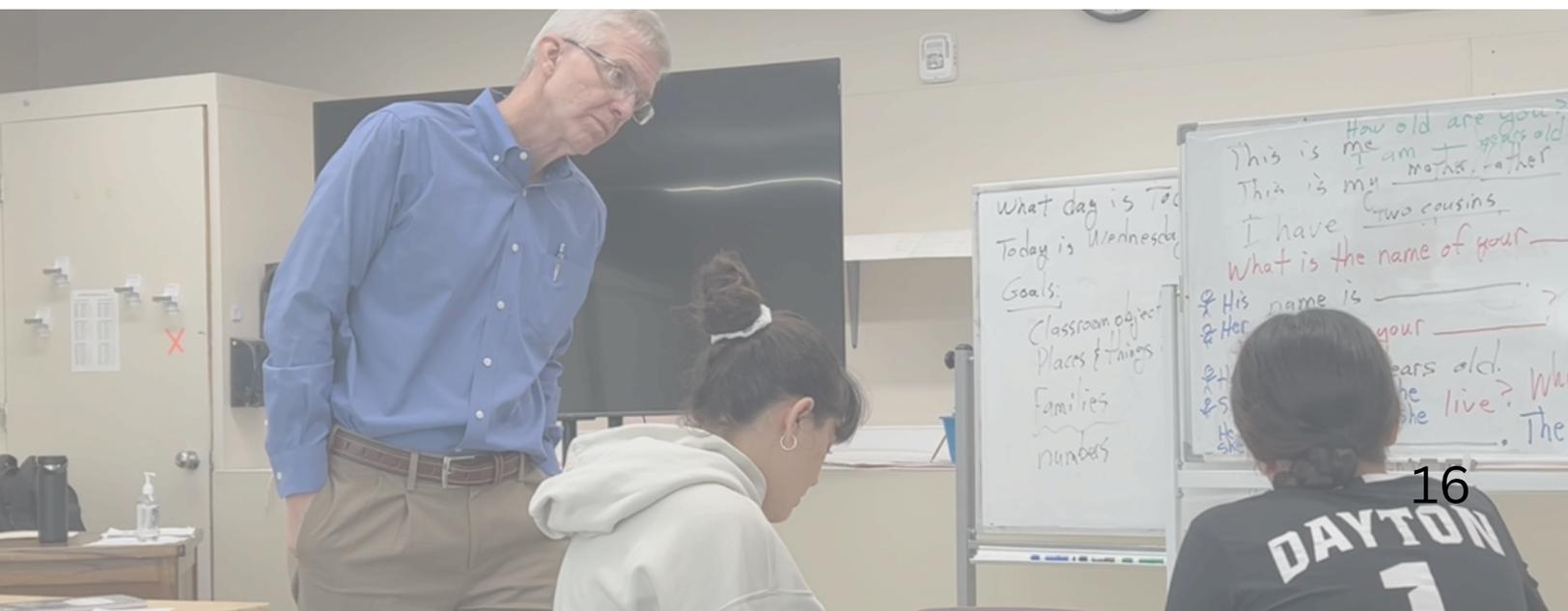
Academic Honors

Students in grades 6-12 will be recognized for their academic achievement at each of the grade levels, culminating with the potential to be awarded an Honors Diploma upon graduation from Dayton High School.

Regardless of any post-high plans, your academic achievement is a way to stand out and open doors to new opportunities. Trade schools and apprenticeships value students who demonstrate commitment, discipline, and strong problem-solving skills--qualities that are developed. Likewise, if you're planning to attend college, this diploma makes you more competitive for admissions and scholarships, helping you save both time and money on your education.

By taking Advanced, Honors, and Dual Credit courses, you will gain critical thinking real-world problem-solving, and advanced study habits that will serve you well no matter your career path. Plus, a weighted GPA and improved class rank can strengthen your resume for future applications, whether its for a skilled trade certification or a four-year degree.

Your hard work now can pay off in the future--whether it's through scholarships, college credit, or career readiness, an Honors Diploma in an investment in yourself. Challenge yourself, seize the opportunity, and take the first step toward a future filled with success! You have what it takes--go for it!





Academic Honors

Dayton Junior High School

The Academic Honor Roll criteria at Dayton Junior High is as follows and is recognized every nine (9) weeks:

- 3.0 GPA and no F's = Honor Roll
- 3.5 GPA and no F's = Dean's List
- 4.0 GPA = Principal's List

Level 1

- **Academic Honor Roll Brunch & Certificate:** At the end of each quarter, the Junior High will host an Academic Honor Roll Brunch for all students whose previous quarter grade point average is 3.0 or higher and no F's. Each student will be presented with a certificate.

Level 2

- **Captain Jack Dollars:** Following the second quarter on the honor roll, a student is awarded "Captain Jack" Dollars which enables them to purchase something at the school store.

Level 3

- **Dayton Pirates Apparel:** Following the third quarter on the honor roll, a student is awarded some Dayton Pirates apparel as they are demonstrating the Pirate Way.





Academic Honors

Dayton High School

The Academic Honors criteria for Dayton High School is as follows:

Level 1

- Academic Honor Roll Brunch: Each semester, the school hosts an Academic Honor Roll Brunch for all students whose previous semester grade point average is 3.50 or higher.

Level 2

- Academic Letter: Following the third semester on the honor roll, a student is awarded an academic letter (black “D” with cardinal trim).

Level 3

- Following the fifth semester on the honor roll, a student is awarded an academic pin to be placed on the academic letter.

Level 4

- Academic Certificate: Following the seventh semester on the honor roll, a student is awarded an academic certificate.

Level 5

- Academic Honor Cord: With a cumulative 3.50 or higher grade point average at the end of the seventh semester and on a Dayton High School or Honors diploma, a student is awarded a gold academic achievement cord to be worn at commencement.



Academic Honors

Dayton High School

Level 6

- **Salutatorian:** Salutatorians will be recognized with a medal to wear at commencement during the Senior Honors Assembly. Salutatorian honors will go to students who meet the following criteria:
 - Cumulative weighted grade point average of 4.00 or higher at the end of semester 7, OR all A's and only one B on their transcript
 - Qualify for an Honors Diploma

Level 7

- **Valedictorian:** Valedictorians will be named following the seventh semester. They will be awarded a medal to wear at commencement during the Senior Honors Assembly. Criteria to be named valedictorian are as follows:
 - Cumulative unweighted grade point average of 4.0 or higher at the end of semester 7
 - Qualify for an Honors Diploma





Academic Honors

Dayton High School

Additional academic recognition at Dayton High School includes:

CTE Completer Cord: Students will receive a white cord to wear around their neck with their graduation gown when they have met all of the Pathway requirements for their specific CTE Pathway/ s (see Course Bulletin).

College Credit Cord: Students will receive a silver cord to wear around their neck with their graduation gown when they have earned a minimum of 24 college credits.

Professional Technical Excellence Award: The Professional-Technical Excellence Award is given to a senior who has shown the maximum possible effort to realize his or her potential in a chosen Professional-Technical field. Performance and improvement in all courses, as well as participation in athletics, the arts, club and outside activities are considered for this award. A committee chaired by the principal makes this annual selection, and the winner's name is added to a perpetual trophy kept in the trophy case of Dayton High School. Additionally, this trophy is presented to the student at the annual Senior Honors Assembly.

Academic Honors

Dayton High School

Academic Excellence Award: The Academic Excellence Award is awarded to a senior who has shown the maximum possible effort to realize his or her optimum academic achievement. Performance and improvement in English, math, science, social science, as well as athletics, performing arts, club and outside activities are considered for this award. A committee chaired by the principal makes this annual selection, and the winner's name is added to a perpetual trophy kept in the trophy case of Dayton High School. Additionally, this trophy is presented to the student at the annual Senior Honors Assembly.





Dual Credit (COLLEGE CREDIT NOW)

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.

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.

Discover Chemeketa Community College

Did you know that last year, **13** students from Dayton High School earned **52** college credits through Chemeketa's College Credit Now program? That's a savings of **\$6,942** in tuition!

Dayton High School students earn college credit in their high school classrooms!

Chemeketa and Dayton = the Power of Partnership

go.chemeketa.edu/collegecreditnow

Chemeketa and Dayton = the Power of Partnership

Congratulations to **68** students from Dayton High School who have become Chemeketa Scholars in the last 10 years, saving over **\$369,383** in tuition!

Chemeketa and Dayton = the Power of Partnership

Discover Chemeketa Community College

go.chemeketa.edu/scholars



Dual Credit

ELIGIBLE COURSES

Dayton is proud to be able to offer over 100 dual credit opportunities in ten (10) different programs. The following courses at Dayton High School qualify as Dual Credit courses in which students can earn high school credit and college credit at the same time through one of the following programs.

- Chemeketa Community College (CCC)
- Linn-Benton Community College (LBCC)
- Oregon Institute of Technology (OIT)
- Willamette Promise / Western Oregon University (WOU)

Agriculture (Pending Approval)

- Comprehensive Ag (LBCC)
- Horticulture Science (LBCC)
- Natural Resources (LBCC)
- Hydroponics Tissue/Culture (LBCC)
- Agriculture Leadership - I.S. (LBCC)

Arts & Communication (3 Credits Possible)

- Communication 111 (3 Credits - WOU)

Culinary Arts (15 Credits Possible)

- Intro to Culinary Arts II - CA100 (3 Credits - LBCC)
- ProStart I - HTM100 (4 Credits - CCC)
- ProStart II - HTM104 (4 Credits - CCC)
- Pirate Catering - HTM105 (4 Credits - CCC)

Education (11 Credits Possible)

- Psychology - PSY201 (4 Credits - WOU)
- Abnormal Psychology - PSY202 (4 Credits - WOU)
- Foundations of Education - ED200 (3 Credits - WOU)

English Language Arts (11 Credits Possible)

- College Writing WR121 (4 Credits - WOU)
- College Writing WR122 (4 Credits - WOU)

Fire and Emergency Services (28 Credits Possible)

- Intro to Firefighting- FRP150 (3 Credits - CCC)
- Wildland Firefighting and Hazmat Operations - FRP 157 & FRP 179 (6 Credits - CCC)
- Emergency Medical Technician - EMT 151/152 (12 Credits - CCC)
- Fire Science Fundamentals- ES 172 (4 Credits - CCC)
- Advanced Firefighting- ES 173 (3 Credits - CCC)

Health Services (15 Credits Possible)

- Intro to Health Services- AH 115 (2 Credits - CCC)
- Anatomy for Allied Health Professions - BIO 103 (3 Credits - WOU)
- Med Terminology 1- HM 120 (3 Credits - CCC)
- Med Terminology 2- HM 121 (4 Credits - CCC)
- Advanced Health Services - HM 101 (3 Credits - CCC)

Human Performance (17 Credits Possible)

- Anatomy for Fitness Professionals- BIO 103 (3 Credits - WOU)
- Sports Med 1- HPE 184 (3 Credits - CCC)
- Sports Med 2- HPE 285 (4 Credits - CCC)
- Advanced Exercise Training PE185AA (1 Credit - CCC)
- Prevention and Care of Athletic Injuries- HPE270 (3 Credits - CCC)
- Personal Training Fundamentals- HPE 295 (3 Credits - CCC)

Mathematics (8 Credits Possible)

- College Math - MTH111 (4 Credits - WOU)
- College Math - MTH112 (4 Credits - WOU)

Mechanics (Pending Approval)

- Intro to Mechanics (LBCC)



Career Technical Education (CTE)

Career Technical Education (CTE) courses at Dayton High School offer hands-on learning experiences that connect classroom lessons to real-world careers. Whether you're interested in broadcasting, culinary arts, health care, or any other field, our CTE classes help you explore your passions and develop practical skills. By focusing on real projects and professional problem-solving, these courses prepare you for success in college, trade school, or any career path you choose.

Even if you plan to go to a four-year university, taking CTE classes can boost your college applications and give you a head start on career exploration. Plus, CTE courses count toward the elective requirements you need to graduate. In Oregon, students must meet certain career-related learning standards before finishing high school, and CTE classes are a perfect way to fulfill these requirements. By taking advantage of CTE programs at Dayton High School, you'll graduate with valuable skills, strong career insights, and greater confidence in your future plans.

CTE Pathway Programs

- Agriculture
- Arts & Communication
- Business
- Construction
- Culinary Arts & Hospitality
- Education
- Fabrication
- Fire & Emergency Services
- Health Services
- Human Performance
- Mechanics

CTE Completer Status



CTE Pathway Programs

- Agriculture
- Arts & Communication
- Business
- Construction
- Culinary Arts & Hospitality
- Education
- Fabrication
- Fire & Emergency Services
- Health Services
- Human Performance
- Mechanics



CTE Program Descriptions

AGRICULTURE

Students begin their Agriculture CTE Pathway with Intro to Ag and Natural Resources, building foundational knowledge before branching into specialized courses such as Ag Food Product Processing, Natural Resources, Equine Science, Comprehensive Ag, Horticulture Science, and Soil Science. They then advance to Hydroponics Tissue/Culture and Animal Science Production, culminating in capstone experiences like Agricultural Leadership ISor Animal Systems Workplace, where they apply real-world skills and leadership in the field.

BUSINESS

This Career Technical Education (CTE) Pathway in Business begins with an overview of agriculture and natural resources, then builds business innovation and entrepreneurial skills specific to agricultural industries. Students culminate their learning in a workplace capstone, applying their agribusiness knowledge in real-world settings.

ARTS & COMMUNICATION

The Arts and Communication CTE Cluster at Dayton High School offers students the opportunity to explore a wide range of creative fields, including broadcasting, music, theater, communications, and yearbook production. Through hands-on experiences in podcasting, live event broadcasting, performance arts, and digital media, students develop valuable skills in communication, creativity, and technical production, preparing them for careers in the arts and media industries.

CONSTRUCTION

The Construction CTE Pathway begins with Intro to Metal and Wood, introducing basic tool safety and fundamental techniques for working with various materials. Students then progress through Construction Basics and Construction 1—building skills in carpentry, framing, and project planning—before culminating in the Capstone: Construction 2, where they tackle advanced, hands-on construction projects that prepare them for real-world success in the industry.



CTE Program Descriptions

EDUCATION

The Education CTE Pathway starts with Intro to Ed, guiding students to explore the foundations of teaching, child development, or special education. They then progress through hands-on experiences as cadet teachers or peer tutors, culminating in the Foundations in Education (ED 216) capstone, where they earn college credit and deepen their classroom leadership skills.

FABRICATION

This Fabrication CTE Pathway starts with Intro to Fabrication, where students learn foundational tools and safety, and progresses through Advance Fabrication, Metal Working, and Metal Working IS, each building more advanced techniques in welding, metal forming, and project design. The final Capstone: Metal Working Co-op Work provides real-world industry experience, allowing students to apply their skills in a professional setting and prepare for a career in manufacturing or related trades.

CULINARY ARTS

The Culinary Arts & Hospitality Pathway begins with Intro to Culinary Arts I and II, building foundational cooking and kitchen management skills. From there, students advance through ProStart 1 and 2 for in-depth hospitality training, gain real-world experience in Pirate Catering and the Pirate Catering Internship, and complete their journey with a Capstone in Events Management to prepare for successful culinary careers.

FIRE & EMERGENCY SERVICES

In the Fire & Emergency Services CTE Pathway, students begin with foundational courses in firefighting, wildland fire/hazmat operations, and emergency medical response to develop essential first-responder skills. They then progress to advanced coursework in EMT and Fire Science Fundamentals before culminating in a Capstone: Advanced Firefighting course, which integrates real-world experience through an internship with the Dayton Fire District for comprehensive career readiness.



CTE Program Descriptions

HEALTH SERVICES

The Health Services CTE Pathway begins with Intro to Health Services for a broad overview, followed by Anatomy for Allied Health Professions to deepen scientific understanding. Students then progress through Medical Terminology for industry language mastery, advance into Advanced Health Services (such as Medical Assisting or Pharmacy Tech), and culminate in a Capstone: Health Services Externship where they gain real-world clinical experience.

HUMAN PERFORMANCE

The Human Performance CTE Pathway guides students through progressive courses in exercise science, anatomy, and sports medicine, beginning with Intro to Exercise Science and advancing to Anatomy for Fitness Professionals, Sports Med 1, Sports Med 2, and Advanced Exercise Training. Students complete their journey in specialized Capstone courses—Prevention and Care of Athletic Injuries or Personal Training Fundamentals—equipping them with the skills needed for careers in health, fitness, and athletic performance.

MECHANICS

Designed for hands-on learners, the Mechanics Career Technical Education Pathway starts with Beginning Mechanics (or Intro to Mechanics) to establish core mechanical skills, and progresses to Advanced Mechanics and Mechanics & Construction IS for deeper exploration of repair and construction techniques. Students cap off their experience in the Capstone: Mechanics and Construction Co-Op Work, where they apply their accumulated knowledge in real-world industry settings.





Course Descriptions

Welcome to the course descriptions section of our junior high and high school catalog! Here, you'll find detailed information about the exciting Career Technical Education (CTE) programs, the important Core Classes you need for graduation, a variety of Elective Classes to explore your interests, and the Support Programs that help you succeed. Each course has been designed to challenge you, spark curiosity, and prepare you for the next step—whether that's college, a trade school, or straight into a career.

Before you decide on classes, take the time to read through each description carefully. Think about how the course fits with your graduation requirements and future goals, not just which classes your friends are taking or who's teaching them. Your school counselor is there to guide you through every step of this process, so make sure you communicate with them often. They're excited to help you choose courses that fit your strengths, interests, and dreams!





Course Descriptions

Career Technical Education (CTE)

- Intro to CTE Programs (Grade 8)
- Agriculture
- Arts & Communication
- Business
- Construction
- Culinary Arts
- Education
- Fabrication
- Fire & Emergency Services
- Health Services
- Human Performance
- Mechanics

Core

- English-Language Arts
- Health
- Mathematics
- Science
- Social Studies
- World Languages

Electives

- Aiding
- Leadership
- Visual Arts

Support Programs

- AVID
- Compass
- Credit Recovery
- English Learners
- Seminars
- Special Education



Intro to CTE

During their 8th grade year, Dayton Junior High students will have the opportunity to explore a wide range of Career and Technical Education (CTE) programs available at Dayton High School. Students will gain hands-on experience and a foundational understanding of the diverse career pathways. The course provides an overview of each program, allowing students to explore potential career interests and develop practical skills through interactive learning. By the end of the semester, students will be equipped with the knowledge to make informed decisions about their future CTE education and career goals.

- **INTRODUCTION TO CTE AND CAREER EXPLORATION**
 - OVERVIEW OF CTE PATHWAYS AND CAREER CLUSTERS, WITH SELF-ASSESSMENT OF INTERESTS.
- **AGRICULTURE AND ENVIRONMENTAL SCIENCE**
 - BASICS OF AGRICULTURE, ANIMAL CARE, SUSTAINABILITY, AND RELATED CAREERS.
- **ARTS AND COMMUNICATION**
 - BROADCASTS, MUSIC, PERFORMANCE, AND THEATER AND RELATED CAREERS
- **BUSINESS AND ENTREPRENEURSHIP**
 - FUNDAMENTALS OF BUSINESS, MARKETING, AND CAREERS IN RETAIL AND FINANCE.
- **CONSTRUCTION AND TRADES**
 - CONSTRUCTION TECHNIQUES, SAFETY, TOOLS, AND CAREERS IN TRADES AND ARCHITECTURE.
- **CULINARY ARTS AND HOSPITALITY**
 - COOKING SKILLS, KITCHEN SAFETY, AND CAREERS IN FOOD SERVICE AND HOSPITALITY.
- **EDUCATION AND EARLY CHILDHOOD DEVELOPMENT**
 - TEACHING, CLASSROOM MANAGEMENT, CHILD DEVELOPMENT, AND RELATED CAREERS.
- **FABRICATION AND MANUFACTURING**
 - WELDING, 3D PRINTING, DESIGN, AND CAREERS IN MANUFACTURING.
- **FIRE AND EMERGENCY SERVICES**
 - FIRE SAFETY, EMERGENCY RESPONSE BASICS, AND CAREERS IN FIREFIGHTING AND EMS.
- **HEALTH SERVICES AND MEDICINE**
 - HEALTHCARE CAREERS, PATIENT CARE, AND HEALTH SYSTEMS.
- **HUMAN PERFORMANCE AND SPORTS MEDICINE**
 - FITNESS, STRENGTH TRAINING, AND CAREERS IN ATHLETIC TRAINING.
-
- **MECHANICS AND AUTOMOTIVE TECHNOLOGY**
 - VEHICLE MAINTENANCE, REPAIR, AND CAREERS IN AUTOMOTIVE TECHNOLOGY.
- **CAPSTONE PROJECT:**
 - BY THE END OF THE SEMESTER, STUDENTS WILL GAIN INSIGHT INTO CTE PATHWAYS ALIGNED WITH THEIR SKILLS AND FUTURE CAREERS.



Career Technical Education (CTE) Junior High Level

INTRO - CTE PATHWAYS

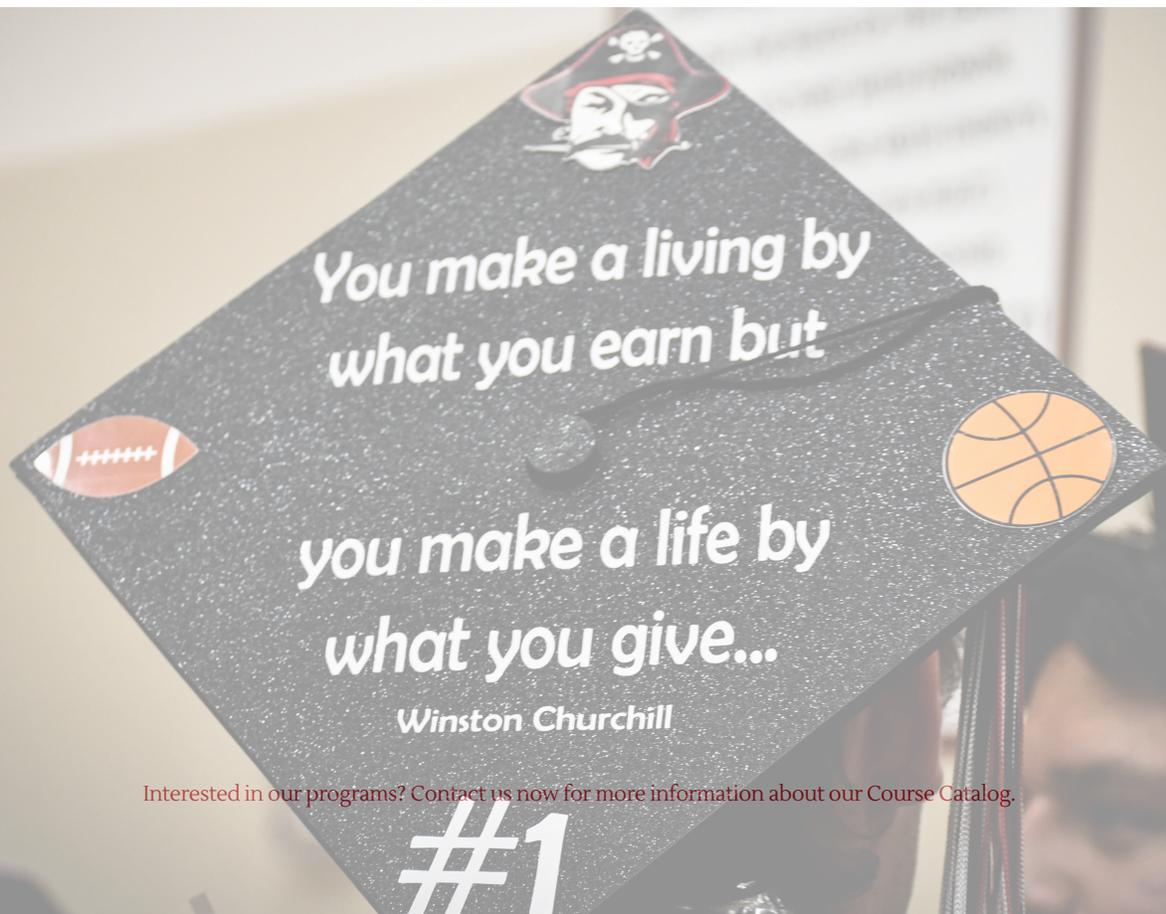
Intro to CTE Pathways

Grade level: 8

Prerequisite: None

Course description: This one semester course at Dayton Junior High School introduces students to a variety of Career and Technical Education (CTE) pathways that are offered at Dayton High School, including agriculture, arts and communication, business, construction, culinary arts, education, fabrication, fire and emergency services, health services, human performance, and mechanics.

Students will explore each field through hands-on activities, gaining foundational skills and knowledge that align with their interests. The course culminates in a capstone project where students apply what they've learned to explore a specific career pathway. By the end of the semester, students will have a better understanding of CTE options and how they relate to their future career goals. (1 semester)



Agriculture



- INTRO TO AG AND NATURAL RESOURCES
- HORTICULTURE SCIENCE
- ANIMAL PRODUCTION SCIENCE
- NATURAL RESOURCES MANAGEMENT
- ADVANCED COMPREHENSIVE AG
- SOIL SCIENCE
- FOOD PRODUCT PROCESSING
- HYDROPONICS TISSUE/CULTURE
- AGRICULTURE ENTREPRENEURSHIP
- CAPSTONE: AGRICULTURAL LEADERSHIP IS
- CAPSTONE: ANIMAL SYSTEMS WORKPLACE
- CAPSTONE: HORTICULTURE WORKPLACE



Course Descriptions

AGRICULTURE - PATHWAY

Intro to Agriculture. and Natural Resources - A and B

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

Grade level: 9, 10, 11,12

Credit: 0.5 Each

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)

AGRICULTURE - PATHWAY

Horticultural Science - A and B

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

Grade level: 9, 10, 11,12

Credit: 0.5 Each

Prerequisite: Intro to Agriculture and Natural Resources

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. (1 semester)

AGRICULTURE - PATHWAY

Animal Production Science

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



Course Descriptions

AGRICULTURE - PATHWAY

Natural Resources Management - A and B

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

Grade level: 10, 11, 12

Credit: 0.5 Each

Prerequisite: Intro to Agriculture and Natural Resources

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 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)

AGRICULTURE - PATHWAY

Advanced Comprehensive Agriculture - A and B

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

Grade level: 10, 11, 12

Credit: 0.5 Each

Prerequisite: Introduction to Agriculture and Natural Resources or Teacher Approval

CCN: Yes (Linn-Benton)

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

AGRICULTURE - PATHWAY

Soil Science

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

Grade Level: 10, 11, 12

Credit: 0.5

Prerequisite: Introduction to Ag. and Natural Resources & Advanced Comprehensive AG

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)



Course Descriptions

AGRICULTURE - PATHWAY

Food Product Processing

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

Grade Level: 10, 11, 12

Credit: 0.5

Prerequisite: Introduction to Ag. and Natural Resources & Adv. Comprehensive Ag

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)

AGRICULTURE - PATHWAY

Agricultural Entrepreneurship

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

Grade level: 11, 12

Credit: 0.5

Prerequisite: Teacher Approval

CCN: none

Course description: Students will gain knowledge in the area of entrepreneurship through working at Dayton's Innovation Station, a school-based enterprise that focuses on creating signs, banners, and other products sold to the community. Students will take on a management approach that allows them to help make decisions about products, design, and marketing to the community (1 semester)

AGRICULTURE - PATHWAY

Hydroponics/Tissue Culture

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

Grade Level: 11, 12

Credit: 0.5

Prerequisite: Introduction to Ag. and Natural Resources

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)



Course Descriptions

AGRICULTURE - PATHWAY

Independent Ag Leadership

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

AGRICULTURE - PATHWAY

Animal Systems Workplace

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

Grade level: 11, 12

Credit: 0.5

Prerequisite: Teacher approval and/or prior agriculture class. CCN: Yes (Linn-Benton)

Course description: Animal Systems Workplace Experience provides work experience in fields related to animal systems (management, care, and/or processing.) Goals are set cooperatively by the student, teacher, and employer (although students are not necessarily paid). This course may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace. (1 semester)

AGRICULTURE - PATHWAY

Horticultural Workplace - Independent Study

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

Grade level: 11, 12

Credit: 0.5

Prerequisite: Teacher approval and/or prior agriculture class. CCN: Yes (Linn-Benton)

Course description: 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)



ARTS & COMMUNICATION

INTRO TO ARTS & COMMUNICATION

CAPTAIN'S CAST

BAND

CHOIR

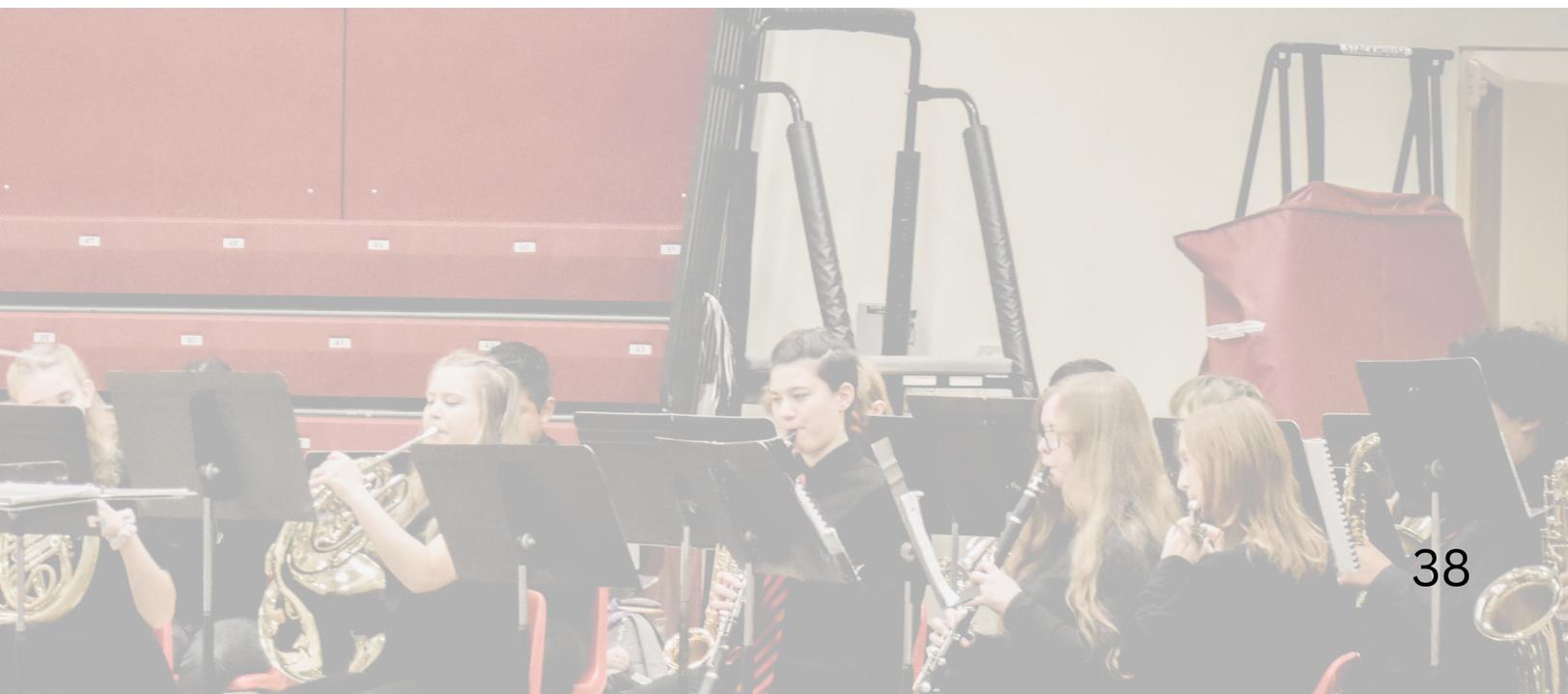
COMMUNICATION 111

YEARBOOK

JAZZ BAND

PERCUSSION ENSEMBLE

DRAMA / THEATER





COURSE DESCRIPTIONS

ARTS & COMMUNICATION - PATHWAY

Intro to Arts and Communication

Graduation requirement credit: Career/Fine Arts (CF), Career Tech (CT), Elective (EL) (not CTE w/o Communications)

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisites: None

CCN: No

Course description: Intro to Arts and Communication is an engaging course that introduces students to the diverse elements of the Arts, Audio/Video Technology, and Communications CTE cluster. Students will explore areas such as yearbook production, band, choir, and drama, and engage in creating content for Captain's Cast, a podcast called Treasure Talk. They will also participate in Pirate Play-by-Play broadcasts of athletic events, with a sideline reporting component called Ship to Shore, and contribute to a YouTube channel for school-related content. This course fosters creativity, teamwork, and communication skills, preparing students for careers in media, performance, and digital content creation.(1 semester)

ARTS & COMMUNICATION - PATHWAY

Captain's Cast

Graduation requirement credit: Career/Fine Arts (CF), Career Tech (CT), Elective (EL) (not CTE w/o Communications)

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: Intro to Arts & Communication

CCN: No

Course description: Captain's Cast at Dayton High School offers students a dynamic and hands-on introduction to the world of podcasting, broadcasting, and digital media production. In this course, students will produce and run the **Treasure Talk** podcast, where they can explore various topics relevant to their school and community. Students will also have the opportunity to broadcast athletic events through **Pirate Play-by-Play**, incorporating sideline reporting with **Ship to Shore**. Additionally, students will create and manage content for the school's YouTube channel, including school announcements, event coverage, and community news. This course emphasizes communication, teamwork, and technical skills, preparing students for careers in media, broadcasting, and digital content creation.(1 semester)



COURSE DESCRIPTIONS

ARTS & COMMUNICATION - PATHWAY

Beginning Band

Grade level: 6, 7, 8

Prerequisite: None

Course description: Beginning Band is for students new to the program. Students will focus on 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)

ARTS & COMMUNICATION - PATHWAY

Intermediate Band

Grade level: 6, 7, 8

Prerequisite: Beginning Band or teacher approval

Course description: Intermediate 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)



COURSE DESCRIPTIONS



ARTS & COMMUNICATION - PATHWAY

High School Band

Graduation requirement credit: Career/Fine Arts (CF), Career Tech (CT), Elective (EL) (not CTE w/o Communications)

Grade level: 9, 10, 11, 12

Credit: 1.0

Prerequisites: Completion of Intermediate Band or requires director approval

CCN: No

Course description: This is a year-long class that serves 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)

ARTS & COMMUNICATION - PATHWAY

Percussion Ensemble

Graduation requirement credit: Career/Fine Arts (CF), Career Tech (CT), Elective (EL) (not CTE w/o Communications)

Grade level: 9, 10, 11, 12

Credit: 1.0

Prerequisite: None

CCN: No

Course description: The Percussion Ensemble is an engaging and dynamic class where students explore a wide range of percussion instruments, developing fundamental techniques on snare, keyboard percussion, and more. Through individual and group exercises, students will refine their skills in rudiments, sticking, and overall technique. Beginners will work closely with the instructor, while advanced students will have opportunities for independent study and challenging repertoire. This structure allows for personalized growth while contributing to the ensemble's success. By combining their skills, students will perform percussion-only music that showcases the full range of percussion instruments. This class fosters musical versatility, teamwork, and a strong rhythmic foundation essential for any music program. (1 year)



COURSE DESCRIPTIONS

ARTS & COMMUNICATION - PATHWAY

Jazz Band

Graduation requirement credit: Career/Fine Arts (CF), Career Tech (CT), Elective (EL) (not CTE w/o Communications)

Grade level: 9, 10, 11, 12

Credit: 1.0

Prerequisites: Completion of Intermediate Band or requires director approval

CCN: No

Course description: The Jazz Band is an advanced ensemble for students interested in performing jazz, swing, blues, Latin, funk, and other contemporary styles. This class focuses on developing improvisation skills, jazz articulation, style, and ensemble playing. Students will explore the rich history of jazz while learning to perform with energy, creativity, and expression. This group will rehearse as a full ensemble and in smaller combos, with opportunities for soloing and improvisation. Performances may include school concerts, community events, and festivals. Open to high school students with prior instrumental experience, placement may require instructor approval. Instruments include brass, woodwinds, guitar, bass, and percussion. (1 year)





COURSE DESCRIPTIONS

ARTS & COMMUNICATION / PATHWAY

Junior High Choir

Grade level: 6, 7, 8

Prerequisite: None

Course description: Choir is a year-long class, open to all students, that explores the joy of singing in a group. No prior experience is required! Students will develop their vocal skills through daily rehearsals focused on tone production, posture, sight-singing, and musical expression. The class also introduces basic music reading skills, rhythm, ear training, and ensemble singing. We will perform a diverse selection of music from various genres, cultures, and languages, preparing for three concerts throughout the year. Students will also have the opportunity to participate in middle school and high school choir or solo/ensemble festivals. Join us and experience the excitement of making music together! (1 year)

ARTS & COMMUNICATION - PATHWAY

Choir

Graduation requirement credit: Career/Fine Arts (CF), Career Tech (CT), Elective (EL) (not CTE w/o Communications)

Grade level: 9, 10, 11, 12

Credit: 1.0

Prerequisite: None

CCN: No

Course description: Choir is a year-long class, open to all students, that explores the joy of singing in a group. No prior experience is required! Students will develop their vocal skills through daily rehearsals focused on tone production, posture, sight-singing, and musical expression. The class also introduces basic music reading skills, rhythm, ear training, and ensemble singing. We will perform a diverse selection of music from various genres, cultures, and languages, preparing for three concerts throughout the year. Students will also have the opportunity to participate in middle school and high school choir or solo/ensemble festivals. Join us and experience the excitement of making music together! (1 year)





COURSE DESCRIPTIONS

ARTS & COMMUNICATION - PATHWAAY

Communications 111

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

Grade level: 10, 11, 12

Credit: 0.4

Prerequisites: None

CCN: Chemeketa

Course description: COMM 111 emphasizes developing communication skills by examining and demonstrating how self-awareness, audience, content, and occasion influence the creation and delivery of speeches and presentations. (1 Semester)

ARTS & COMMUNICATIONS - PATHWAY

Yearbook

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

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: This class will cover everything needed to produce this year's yearbook. Students will be part of the phases of production which include writing, designing, advertising, developing graphics, working on layouts, photography, and distribution of our final product. Students in this class will receive a letter grade based on their ability to meet deadlines, their quality of work, overall quantity of their work, and their ability to work with a team. (1 semester)





COURSE DESCRIPTIONS

ARTS & COMMUNICATION - PATHWAY

Junior High Drama

Grade level: 6, 7, 8

Credit: 0.5

Prerequisites: None

CCN: No

Course description: Junior High Drama is a one semester course where students develop fundamentals to theater such as public speaking skills, team work, improvisation, theater tech, acting, and stage managing. The class will present at least small productions within class time, working towards public performance of a play by semester end. (1 semester)

ARTS & COMMUNICATION - PATHWAY

High School Drama

Graduation requirement credit: Career/Fine Arts (CF), Career Tech (CT), Elective (EL) (not CTE w/o Communications)

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisites: None

CCN: No

Course description: High School Drama is a one semester course where students develop fundamentals to theater such as public speaking skills, team work, improvisation, theater tech, acting, and stage managing. The class will present at least small productions within class time, working towards public performance of a play by semester end. (1 semester)



BUSINESS



INTRO TO BUSINESS

PERSONAL FINANCE

BUSINESS EXPLORATION

MARKETING

ACCOUNTING

CAPSTONE: CAPTAIN JACK'S

CAPSTONE: CO-OP WORK

EXPERIENCE CAPSTONE:

AGRIBUSINESS WORKPLACE

CAPSTONE: AGRIBUSINESS I.S.

CAPSTONE: OTHER CTE BUSINESS



COURSE DESCRIPTIONS

BUSINESS - PATHWAY

Introduction to Business

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

Personal Finance

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

Grade level: 10, 11, 12

Credit: 0.5

Prerequisite: None

CCN: none

Course description: This semester-long course provides students with the knowledge and skills necessary to manage their personal finances effectively. Students will explore topics such as budgeting, understanding credit scores, investing, taxes, and building financial well-being. Through engaging lessons and practical applications, students will develop the ability to make informed financial decisions, set and achieve financial goals, and navigate the complexities of the financial world with confidence. (1 semester)

BUSINESS - PATHWAY

Business Exploration

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



COURSE DESCRIPTIONS

BUSINESS - PATHWAY

Marketing

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

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: Introduction to Business

CCN: none

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

BUSINESS - PATHWAY

Accounting I

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

BUSINESS - PATHWAY

Captain Jack's

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

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisites: Intro to Business

CCN: No

Course description: Looking for a fun, hands-on elective that gives you real-world experience? Captain Jack's is more than just a class—it's a chance to run a small business! As part of the team, you'll learn how to manage inventory, work as a barista, collaborate with teammates, and budget financial resources. You'll craft delicious smoothies, chai teas, and coffee drinks—hot, iced, or blended—while gaining valuable business and customer service skills. Don't miss out on this exciting opportunity to learn, grow, and have fun. Sign up for Captain Jack's today and become part of the team! (1 semester)



COURSE DESCRIPTIONS

BUSINESS - PATHWAY

Cooperative Work Experiences

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

BUSINESS/AGRICULTURE - PATHWAY

Agribusiness - Workplace Experience

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

Grade level: 11, 12

Credit: 0.5

Prerequisite: Teacher Approval

CCN: none

Course description: Agribusiness - Workplace Experience is a course that involves working in the Dayton HS greenhouse. It is a school enterprise that makes over \$50,000 per year. Students will be assigned different jobs and be required to keep track of activities, update resumes, and be involved with the sales of greenhouse plants. Students could also work in the tissue culture lab. (1 semester)

BUSINESS/AGRICULTURE - PATHWAY

Agribusiness - Independent Study

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

Grade level: 11, 12

Credit: 0.5

Prerequisite: Teacher Approval

CCN: none

Course description: Students will work independently with the business teacher to focus on certain projects pertaining to Dayton High School's two school-based enterprises, Innovation Station and the Garden Shed. Students may take more than once for multiple credits. (1 semester)

CONSTRUCTION



INTRO TO METAL AND WOOD

CONSTRUCTION BASICS

CONSTRUCTION INNOVATIONS

CAPSTONE: CONSTRUCTION 2



COURSE DESCRIPTIONS

CONSTRUCTION - PATHWAY

Intro to Metal and Wood

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

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: Intro to Metal and Wood allow students to study the physical and chemical properties of metals woods, and composites and to use these materials to construct usable products according to industry standards. These courses enable students to experience the process of translating an idea into a finished project, with instruction in planning, designing, selecting materials, and using tools and machines. (1 semester)

CONSTRUCTION - PATHWAY

Construction Basics

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

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: Intro to Metal and Wood

CCN: No

Course description: Construction Innovations students will learn the skills they need to succeed in the construction industry. Students will learn construction standards and DIY skills for at home projects. Students will be able to identify shop safety standards, learn tool identification and how to follow written directions. Students will gain hands-on experience with a variety of tools and techniques to design, plan, and construct projects. (1 semester)

CONSTRUCTION - PATHWAY

Construction Innovations

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

Grade level: 10, 11, 12

Credit: 0.5

Prerequisite: Construction Basics

CCN: No

Course description: Students will gain knowledge in basic construction practices and techniques that serves as a prerequisite to Construction 2. (1 semester)



COURSE DESCRIPTIONS

CONSTRUCTION - PATHWAY

Construction 2

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

Grade level: 11, 12

Credit: 0.5

Prerequisite: Construction Innovations

CCN: No

Course description: Students will build on the knowledge they have learned in Construction Basics to help build tiny homes/cottages for people in the community (1 semester)





CULINARY ARTS & HOSPITALITY



INTRO TO CULINARY ARTS I

INTRO TO CULINARY ARTS II

PROSTART I

PROSTART II

PIRATE CATERING

PIRATE CATERING -
INTERNSHIP



COURSE DESCRIPTIONS

CULINARY ARTS & HOSPITALITY - PATHWAY

Intro to Culinary Arts I

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

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: Students will learn about the Hospitality and Culinary Arts career pathway and participate in food preparation labs to gain professional cooking skills. Students will complete industry-based courses of study on customer service, food sanitation and safety, knife skills, basic recipe reading and mise en place, and scaling recipes. (1 semester)

CULINARY ARTS & HOSPITALITY - PATHWAY

Intro to Culinary Arts II

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

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: Intro to Culinary Arts I

CCN: LBCC (CA100) - 1 Credit

Course description: Continued practice with recipe reading, kitchen math, maintaining equipment, and savory cooking. This is an expansion of Intro to Culinary/Hospitality Arts I. (1 semester)

CULINARY ARTS & HOSPITALITY - PATHWAY

ProStart 1

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

Grade level: 10, 11, 12

Credit: 1.0

Prerequisite: Intro to Culinary Arts II

CCN: CCC (HTM100) - 4 Credits

Course description: Interested in a career as a chef, caterer, restaurant manager, or restaurant owner? Explore these and other careers in the hospitality industry in this hands-on class. Students gain practical job skills in professional food preparation and business management in the operation of a school-based catering enterprise. Students who complete the two-year program have the opportunity to earn the ProStart National Certificate of Achievement. Scholarships, paid work experience, and college credit are also available for interested students who qualify. (1 year)



COURSE DESCRIPTIONS

CULINARY ARTS & HOSPITALITY - PATHWAY

ProStart II

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

Grade level: 11, 12

Credit: 1.0

Prerequisite: ProStart I

CCN: CCC (HTM104) - 4 Credits

Course description: Learn about careers in hospitality, food service, and tourism management in this year-long career-oriented class. Students will experience Oregon tourism first-hand through a variety of field trips and projects. Students gain practical job skills in professional food preparation and business management in the operation of a school-based catering enterprise. Scholarships, paid work experience, and college credit are also available for interested students. Seniors may take concurrently with ProStart I, with instructor approval. (1 year)

CULINARY ARTS & HOSPITALITY - PATHWAY

Pirate Catering

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

Grade level: 11, 12

Credit: 0.5

Prerequisite: Intro to Culinary Arts II

CCN: CCC (HTM105) - 4 Credits

Course description: Students gain practical job skills in professional food preparation and business management in the operation of a school-based catering enterprise (Pirate Catering). Students will learn fundamentals for large scale catering events, the importance of following detailed steps to ensure proper execution of catered items, and various customer service skills utilized while working at catering events. (1 year)

CULINARY ARTS & HOSPITALITY - PATHWAY

Pirate Catering - Internship

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

Grade level: 11, 12

Credit: .5

Prerequisite: Pirate Catering

CCN: No

Course description: Students that have completed Pirate Catering have the option to complete hospitality and culinary arts internships within the community. Students will earn credit documenting hours worked with a daily task log. Employers will also submit an evaluation based on the intern's performance. (1 semester)



EDUCATION

INTRO TO EDUCATION

EARLY CHILDHOOD EDUCATION

CHILDHOOD EDUCATION

SPECIAL EDUCATION INSTRUCTION

CADET TEACHING / MENTORING

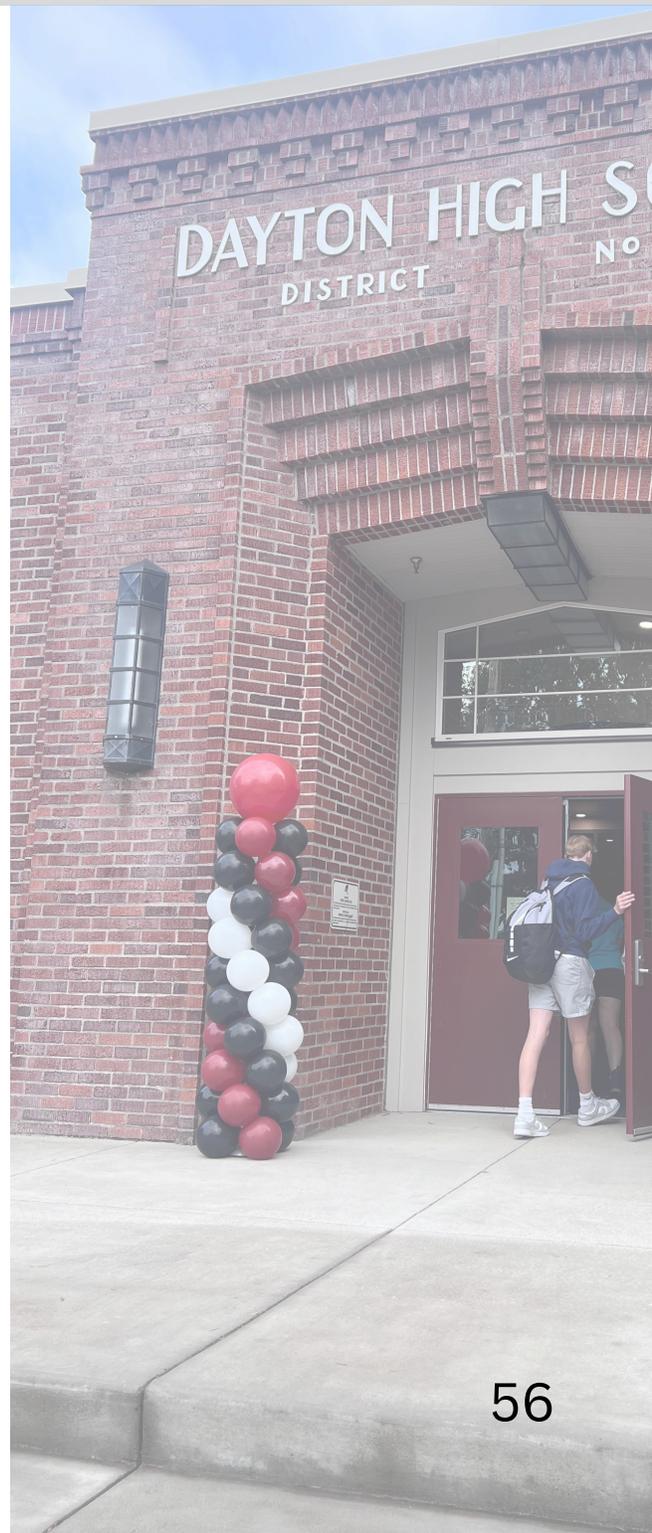
PEER MENTOR

PSYCHOLOGY

ABNORMAL PSYCHOLOGY

BILINGUAL MENTORS

FOUNDATIONS IN EDUCATION





COURSE DESCRIPTIONS

EDUCATION - PATHWAY

Intro to Education

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

Grade level: 9, 10, 11, 12

Credit: .5

Prerequisite: None

CCN: No

Course description: Intro to Education serves as one of the prerequisites for the Education Pathway. Students will learn the fundamentals of education and explore current issues impacting education. (1 semester)

EDUCATION - PATHWAY

Early Childhood Development

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

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: Intro to Education

CCN: No

Course description: Early Childhood Development explores the development of a child from utero to age 5. This will serve as a building block to students' understanding of how children continue to develop throughout their school years. (1 semester)

EDUCATION - PATHWAY

Child Development

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

Grade level: 9, 10, 11, 12

Credit: .5

Prerequisite: Early Childhood Development

CCN: No

Course description: Students will continue to build upon their knowledge from the Early Childhood Development course and explore development for ages 6-18. (1 semester)



COURSE DESCRIPTIONS

EDUCATION - PATHWAY

Special Education Instruction

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

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: Intro to Education

CCN: No

Course description: NEED DESCRIPTION (1 semester)

EDUCATION - PATHWAY

Cadet Teaching (Pre-School, Elementary, Secondary, Special Ed)

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

Grade level: 10, 11, 12

Credit: 0.5

Prerequisite: Early Childhood Development or Child Development or Special Ed Instruction

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)

EDUCATION - PATHWAY

Peer Mentor

Graduation requirement credit: Elective (EL)

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: Application and teacher approval

CCN: No

Course description: Peer Mentors help in the delivery of academic and functional instruction in the structured learning center (SLC). Peer Mentors 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 90% attendance is required to pass. (1 semester)



COURSE DESCRIPTIONS

EDUCATION - PATHWAY

Psychology

Graduation requirement credit: Elective (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, and topics will include brain development, mental illness, personality development, and famous psychologists and their theories. (1 semester)

EDUCATION - PATHWAY

Abnormal Psychology

Graduation requirement credit: Elective (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.





COURSE DESCRIPTIONS

EDUCATION - PATHWAY

Bilingual Mentors

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

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: Teacher Approval from ELD Department

CCN: No

Course description: Bilingual mentors will be assigned to junior high classes and/or students in the English Language Development program to help with re-teaching lessons and help students complete work, help with organization and planning, and aid with long-term academic success. Students should be academically successful themselves, and be comfortable teaching other students and encouraging them to complete work. This is a Pass/No Pass class and 80% attendance is required to pass. (1 semester)

EDUCATION - PATHWAY

Foundations in Education

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

Grade level: 11, 12

Credit: .5

Prerequisite: Early Childhood Development

CCN: WOU (ED 216) - 3 Credits

Course description: Foundations of Education looks at how schools influence our communities and can make learning fair for everyone by examining ideas from history, politics, and society. Students will learn about the roles and responsibilities of teachers, develop their own views on teaching, and discover how factors like race, class, and gender can affect how students are treated. (1 semester)





FABRICATION

INTRO TO FABRICATION

ADVANCED FABRICATION

METAL WORKING

METAL WORKING -

INDEPENDENT STUDY

METAL WORKING CO-OP

WORK





COURSE DESCRIPTIONS

FABRICATION - PATHWAY

Intro to Fabrication

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

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: Intro to Fabrication is a course in which students will gain knowledge and skills in particular aspects of welding. Examples include various types of welding such as gas metal, gas tungsten, shielded metal, and flux core arc welding (1 semester)

FABRICATION - PATHWAY

Metalworking

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

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: Intro to Fabrication

CCN: No

Course description: Metalworking introduces students to the physical and chemical properties of various metals and tools and equipment used to manipulate metal and form it into products. Students will develop planning, layout, and measurement skills; gain experiences in cutting, bending, forging, casting, and/or welding metal; complete projects according to blueprints or other specifications. Correct use of metalworking tools and equipment is emphasized. (1 semester)

FABRICATION - PATHWAY

Advanced Fabrication

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

Grade level: 10, 11, 12

Credit: .5

Prerequisite: Intro to Fabrication

CCN: No

Course description: Students will gain advanced knowledge of the physical and chemical properties, uses, and applications of various metals. Student will also improve skills in the various processes used to join and cut metals, and experience in identifying, selecting, and rating appropriate techniques. Students will read and interpret blueprints in order to identify, select, and rate appropriate techniques. (1 semester)



COURSE DESCRIPTIONS

FABRICATION - PATHWAY

Metalwork - Independent Study

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

Grade level: 10, 11, 12

Credit: 0.5

Prerequisite: Metalworking and Teacher Approval

CCN: No

Course description: Independent Study Metalwork enable students to explore metalwork-related topics of interest. Working with the instructor, the course will provide students the opportunity to expand their expertise in particular specialization, to explore a topic in greater detail, or to develop more advanced skills. (1 semester)

FABRICATION - PATHWAY

Metalwork - Co-op Workplace

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

Grade level: 11, 12

Credit: 0.5

Prerequisite: Metalworking and Teacher Approval

CCN: No

Course description: Metalworking - Workplace provides students with work experience in the welding, machine technologies, or metalwork fields. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). The course may include classroom activities, involving further study of the field or discussion regarding experiences that students encounter in the workplace. (1 semester)





FIRE & EMERGENCY SERVICES

INTRO TO FIREFIGHTING

WILDLAND FIREFIGHTING &
HAZMAT

EMERGENCY MEDICAL
RESPONDER

EMERGENCY MEDICAL
TECHNICIAN

FIRE SCIENCE FUNDAMENTALS

ADVANCED FIREFIGHTING





COURSE DESCRIPTIONS

FIRE & EMERGENCY SERVICES - PATHWAY

Intro to Firefighting

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

Grade level: 9, 10, 11, 12

Credit: .5

Prerequisite: None

CCN: CCC (FRP15)

Course description: This course is an entry-level training program that equips individuals with the necessary knowledge and skills to operate safely and effectively at the fireground, focusing on fire suppression, rescue operations, and basic emergency medical care. It provides hands-on training in essential firefighting techniques, including fire suppression, rescue operations, and vehicle rescue & extrication. (1 semester)

FIRE & EMERGENCY SERVICES - PATHWAY

Wildland Firefighting and Hazmat Operations

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

Grade level: 9, 10, 11, 12

Credit: .5

Prerequisite: None

CCN: CCC (FRP157 & FRP179)

Course description: This course is a foundational entry-level program for wildland firefighters, providing training in basic firefighting skills, wildland fire behavior, and safety protocols, preparing individuals for fire suppression and fuels management duties. HazMat Operations was developed for fire, rescue, emergency medical service (EMS) personnel and other personnel who may respond to incidents involving hazardous materials (HazMats) and/or weapons of mass destruction (WMDs). (1 semester)

FIRE & EMERGENCY SERVICES - PATHWAY

Emergency Medical Responder

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

Grade level: 10, 11, 12

Credit: .5

Prerequisite: None

CCN: No

Course description: The Emergency Medical Responder course prepares the EMR student to provide prehospital assessment and care for patients of all ages with a variety of medical conditions and traumatic injuries. Areas of study include an introduction to emergency medical services systems, roles and responsibilities of EMRs, anatomy and physiology, medical emergencies, trauma, and special considerations for working in the prehospital setting. (1 semester)



COURSE DESCRIPTIONS

FIRE & EMERGENCY SERVICES - PATHWAY

Emergency Medical Technician

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

Grade level: 11, 12 (Must be 17 years of age)

Credit: .5

Prerequisite: Must be 17 years of age; Anatomy & Physiology is preferred

CCN: CCC (EMT151 & EMT152)

Course description: This course is designed to provide rescuers with the emergency medical knowledge and skills necessary to care for the sick and injured in a pre-hospital setting. Topics include the recognition and treatment of respiratory and circulatory emergencies, trauma, medical emergencies, environmental injuries, emergency childbirth, and psychological emergencies. (1 semester)

FIRE & EMERGENCY SERVICES - PATHWAY

Fire Science Fundamentals (15151)

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

Grade level: 11, 12

Credit: .5

Prerequisite: Intern w/Dayton Fire District

CCN: CCC (ES172)

Course description: This course explores the causes, effects, and prevention of fire through firefighting, fire safety, and fire protection principles. Students study the chemical and physical processes of combustion, strategies to prevent and suppress fires, building codes, and safe extinguishing techniques. They must attend at least 30 weekly drill nights, with opportunities to earn additional certifications (e.g., Fire Instructor 1, Firefighting 2, Wildland Firefighter 1). (1 semester)

FIRE & EMERGENCY SERVICES - PATHWAY

Advanced Firefighting

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

Grade level: 11, 12

Credit: .5

Prerequisite: Intro to Firefighting, Wildland/Hazmat, and Internship w/Dayton Fire District

CCN: CCC (ES173)

Course description: This course provides work experience in fields related to fire management. Goals are typically set cooperatively by the student, teacher, and Dayton Fire District. This course may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter as a firefighter. Students must respond to a minimum of 60 calls during their tenure as a Dayton Fire District Volunteer or complete a minimum of 120 hours of shift work as a paid firefighter before earning credit for this course. (1 semester)



HEALTH SERVICES

INTRO TO HEALTH SERVICES

ANATOMY FOR ALLIED
HEALTH PROFESSIONS

MEDICAL TERMINOLOGY I

MEDICAL TERMINOLOGY II

ADVANCED HEALTH SERVICES

HEALTH SERVICES

INTERNSHIP





COURSE DESCRIPTIONS

HEALTH SERVICES - PATHWAY

Intro to Health Services

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

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: None

CCN: Chemeketa Community College (AH115)

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)

HEALTH SERVICES - PATHWAY

Anatomy for Allied Health Professions

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

Grade level: 10, 11, 12

Credit: 0.5

Prerequisite: None

CCN: Oregon Institute of Technology (BIO103)

Course description: NEED (1 semester)

HEALTH SERVICES - PATHWAY

Medical Terminology 1

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

Grade level: 10, 11, 12

Credit: 0.5

Prerequisite: Anatomy for Allied Health Professions

CCN: Chemeketa Community College (HM120)

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)



COURSE DESCRIPTIONS

HEALTH SERVICES - PATHWAY

Medical Terminology II

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

Grade level: 10, 11, 12

Credit: 0.5

Prerequisite: Medical Terminology I

CCN: Chemeketa Community College (HM121)

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 - PATHWAY

Advanced Health Services

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

Grade level: 11, 12

Credit: 0.5

Prerequisite: Medical Terminology II

CCN: Chemeketa Community College (HM101)

Course description: NEED (1 semester)

HEALTH SERVICES - PATHWAY

Health Services Internship

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

Grade level: 11, 12

Credit: 0.5

Prerequisite: Anatomy for Allied Health Professions

CCN: No

Course description: NEED (1 semester)



HUMAN PERFORMANCE

INTRO TO HUMAN PERFORMANCE

ANATOMY FOR FITNESS

PROFESSIONALS

SPORTS MEDICINE I

SPORTS MEDICINE II

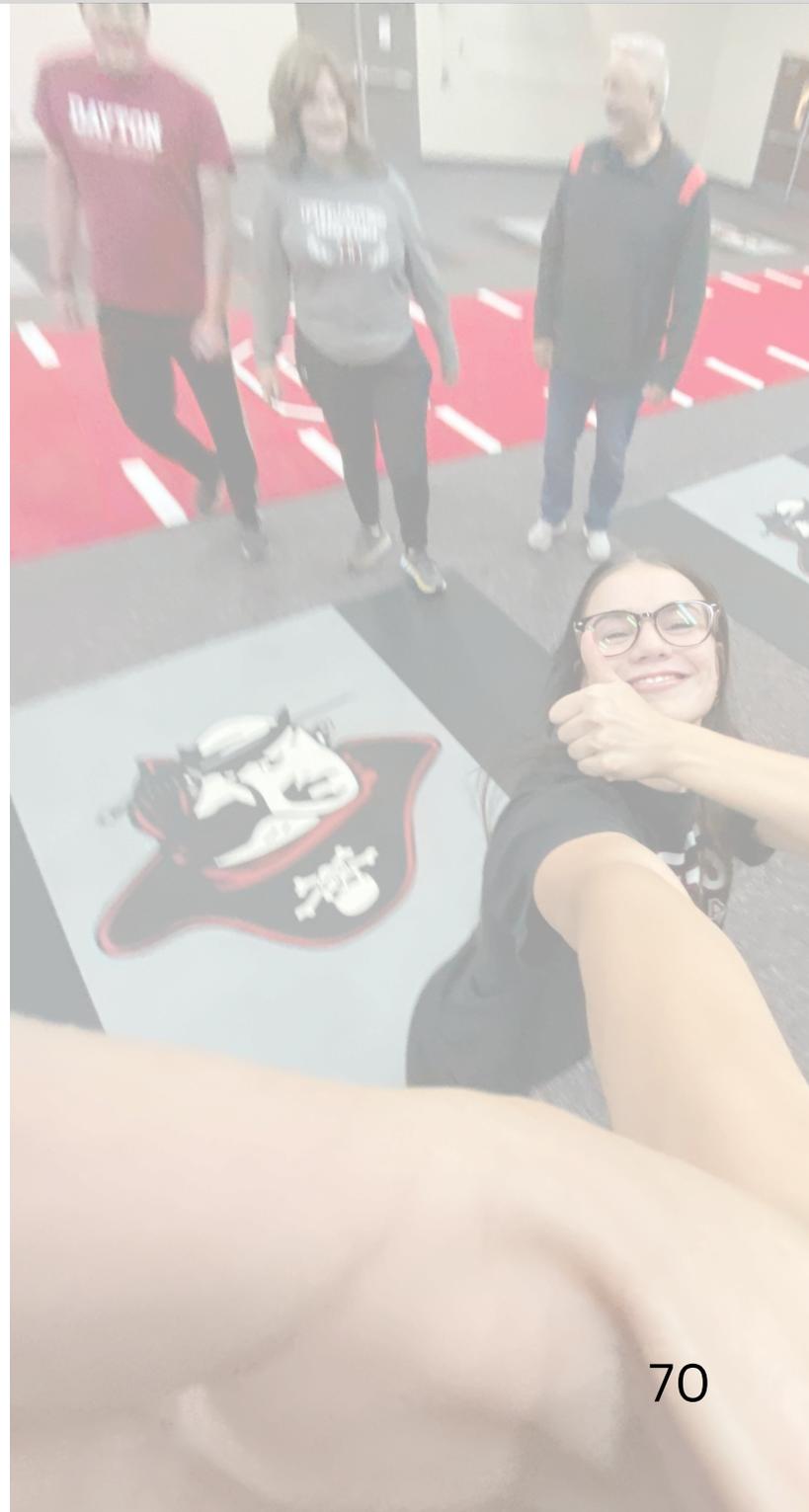
ADVANCED EXERCISE TRAINING

PREVENTION AND CARE OF

ATHLETIC INJURIES

PERSONAL TRAINING

FUNDAMENTALS





COURSE DESCRIPTIONS

HUMAN PERFORMANCE - PATHWAY

Intro to Human Performance

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

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: Dayton High School's Intro to Exercise Science course provides students with a foundational understanding of the growing field of exercise science. Aligned with Chemeketa Community College's Health & Human Performance program, this course explores topics such as nutrition, personal and community health, exercise physiology, biomechanics, and sports medicine, while also introducing concepts in sport psychology and first aid/CPR. Students will gain valuable knowledge about how the body responds to physical activity, injury prevention, and promoting overall health and wellness. (1 semester)

HUMAN PERFORMANCE - PATHWAY

Anatomy for Fitness Professionals

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

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: Intro to Human Performance

CCN: Oregon Institute of Technology (BIO103)

Course description: Anatomy for Fitness Professionals introduces students to the foundational principles of human anatomy and physiology through the lens of fitness and athletic performance. This this course incorporates concepts from the Anatomy for Fitness Professionals curriculum, preparing students for careers in sports medicine, personal training, and related fields. Students will explore body systems, biomechanics, and injury prevention while gaining a deeper understanding of how the human body functions in exercise and sport. (1 semester)

HUMAN PERFORMANCE - PATHWAY

Sports Medicine I

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

Grade level: 10, 11, 12

Credit: 0.5

Prerequisite: Intro to Human Performance

CCN: Chemeketa Community College (HPE184)

Course description: Dayton High School's Sports Medicine I course introduces students to the foundational principles of sports medicine, injury prevention, and care within fitness and athletic settings. Aligned with Chemeketa Community College's Sports Medicine I for Fitness Professionals course in the Health & Human Performance program, this class offers students hands-on experiences and knowledge applicable to athletic training, physical therapy, and fitness careers. Students may have the opportunity to earn college credit while exploring anatomy, biomechanics, and the basics of injury assessment and rehabilitation. (1 semester)



COURSE DESCRIPTIONS

HUMAN PERFORMANCE - PATHWAY

Sports Medicine II

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

Grade level: 10, 11, 12

Credit: 0.5

Prerequisite: Sports Medicine I

CCN: Chemeketa Community College (HPE285)

Course description: Sports Medicine II expands students' knowledge of injury prevention, evaluation, treatment, and rehabilitation within the field of athletic healthcare. Aligned with Chemeketa Community College's Sports Medicine I for Fitness Professionals (HPE285), this dual credit course deepens understanding of human performance, fitness assessment, and the professional roles of healthcare providers in athletic and fitness settings. Students will gain hands-on skills and preparation for future studies or careers in sports medicine, athletic training, and health sciences. (1 semester)

HUMAN PERFORMANCE - PATHWAY

Advanced Exercise Training

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

Grade level: 11, 12

Credit: 0.5

Prerequisite: Sports Medicine II

CCN: Chemeketa Community College (PE185AA)

Course description: Dayton High School's Advanced Exercise Training course offers students the opportunity to deepen their knowledge and skills in fitness instruction and human performance. Aligned with Chemeketa Community College's PE185AA course, this dual credit class focuses on advanced exercise programming, movement analysis, and strength and conditioning principles designed for aspiring fitness professionals. Students will explore career pathways in health and human performance while earning college credit. (1 semester)

HUMAN PERFORMANCE - PATHWAY

Prevention and Care of Athletic Injuries

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

Grade level: 11, 12

Credit: 0.5

Prerequisite: Sports Medicine II

CCN: Yes Chemeketa Community College (HPE270)

Course description: Prevention and Care of Athletic Injuries introduces students to the foundational skills and knowledge required to recognize, evaluate, and care for common athletic injuries. Aligned with Chemeketa Community College's HPE270 course in the Health & Human Performance program, this class emphasizes injury prevention, basic first aid, taping and wrapping techniques, and emergency management principles in athletic settings. Students may have the opportunity to earn college credit while exploring careers in sports medicine, athletic training, and health sciences. (1 semester)



COURSE DESCRIPTIONS

HUMAN PERFORMANCE - PATHWAY

Personal Training Fundamentals

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

Grade level: 11, 12

Credit: 0.5

Prerequisite: Advanced Exercise Training

CCN: Chemeketa Community College (HPE295)

Course description: Personal Training Fundamentals introduces students to the foundational principles of personal fitness training, exercise science, and program design. Aligned with Chemeketa Community College's HPE295 course, this class offers hands-on learning in fitness assessment, exercise techniques, and client-centered program planning—ideal for students interested in careers in health, fitness, and human performance. (1 semester)





MECHANICS

INTRO TO MECHANICS

ADVANCED MECHANICS

BASIC AUTO MAINTENANCE

MECHANICS AND CONSTRUCTION - INDEPENDENT STUDY

MECHANICS AND CONSTRUCTION CO-OP WORK





COURSE DESCRIPTIONS

MECHANICS - PATHWAY

Intro to Mechanics

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

Grade level: 9, 10, 11,12

Credit: 0.5

Prerequisite: None

CCN: Yes (Linn-Benton)

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)

MECHANICS - PATHWAY

Advanced Mechanics

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

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: Intro to Mechanics

CCN: No

Course description: While learning to apply knowledge of the basic principles of technological design and production skills (engine mechanics, power systems, welding, and carpentry, among others), students may explore a broad range of topics, including the operation, mechanics, and care of tools and machines; a study of electricity and power principles; and the study of alternative fuels, technology and engineering, and safety procedures. (1 semester)

MECHANICS - PATHWAY

Basic Auto Maintenance

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

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: Intro to Mechanics

CCN: No

Course description: This course introduces students to essential automotive maintenance skills, including basic car care, routine inspections, tire maintenance, oil changes, and troubleshooting. Students will gain hands-on experience and knowledge to keep vehicles running smoothly and safely. This course also covers the fundamentals of a vehicle's cooling and electrical systems. Students will learn how to maintain and troubleshoot cooling systems to prevent overheating, as well as how to inspect and repair key electrical components, such as the battery, alternator, and fuses, ensuring proper vehicle function. (1 semester)



COURSE DESCRIPTIONS

MECHANICS - PATHWAY

Mechanics and Construction - Independent Study

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

Grade level: 11, 12

Credit: 0.5

Prerequisite: Advanced Mechanics

CCN: No

Course description: Students will develop projects illustrating advanced aspects of operation, maintenance, and repair of various types of equipment (small and large). Students will also be performing advanced skills in oxy-acetylene, arc, wire-feed, and tig welding within their projects. (1 semester)

MECHANICS - PATHWAY

Mechanics and Construction - Co-Op Work

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

Grade level: 11, 12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: Workplace experience provides work experience in fields related to mechanics and construction. Goals are set cooperatively by the students, teacher, and employer (although students are not necessarily paid). This course may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace. (1 semester)





CORE CLASSES

At Dayton Junior High and High School, our core classes give students the knowledge and skills they need for success in college, future careers, and as active members of society. These classes include:

- English Language Arts
- Mathematics
- Science
- Seminar (11th/12th Grades)
- Social Studies
- Health
- Physical Education
- World Languages

English Language Arts helps students become better readers, writers, and thinkers. Mathematics develops problem-solving and logical reasoning skills. Science teaches students to explore the world through observation and evidence. Social Studies helps students understand history and learn about civic responsibility. Health and Physical Education promote good health, fitness, and teamwork. World Language classes introduce new languages and cultures, helping students communicate with people from different backgrounds. Schools require these subjects because they build important skills—like clear communication, critical thinking, and collaboration—that prepare students for life beyond the classroom. Doing well in these courses strengthens responsibility, independence, and adaptability, which will help students succeed no matter what path they choose after graduation.



COURSE DESCRIPTIONS

ENGLISH LANGUAGE ARTS - CORE

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)

ENGLISH LANGUAGE ARTS - CORE

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)

ENGLISH - LANGUAGE ARTS

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)



COURSE DESCRIPTIONS

ENGLISH LANGUAGE ARTS - CORE

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 LANGUAGE ARTS - CORE

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 - LANGUAGE ARTS

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)



COURSE DESCRIPTIONS

ENGLISH LANGUAGE ARTS - CORE

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 LANGUAGE ARTS - CORE

Advanced English I (Advanced Freshman English)

Graduation requirement credit: Language Arts (LA)

Grade level: 9

Credit: 1.0

Prerequisites: None

CCN: No

Course description: English 1 – Advanced is a rigorous, standards-based English Language Arts course designed for motivated 9th-grade students ready to deepen their skills in reading, writing, speaking, and critical thinking. This advanced option will be offered concurrently within the general English 1 class, with students engaging in Oregon ELA 9th-grade standards while tackling additional challenges in literary analysis, academic writing, and complex texts. Students who choose to earn the “Advanced” designation on their transcript will be expected to demonstrate proficiency beyond grade-level expectations, as outlined in the course syllabus and success criteria. This course prepares students for future Honors and AP coursework while fostering confidence and strong communication skills.(1 year)





COURSE DESCRIPTIONS

ENGLISH LANGUAGE ARTS - CORE

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 LANGUAGE ARTS - CORE

Advanced English II (Sophomore)

Graduation requirement credit: Language Arts (LA)

Grade level: 10

Credit: 1.0

Prerequisites: None

Course description: English 2 Advanced offers students an opportunity to deepen their writing, reading, and analytical skills while meeting and exceeding Oregon 10th Grade ELA standards. This advanced option is offered concurrently within the English 2 class, and students choosing the “Advanced” designation on their transcript will be expected to demonstrate mastery beyond the core success criteria outlined in the course syllabus. With a focus on both foundational and advanced writing strategies, students will engage in technical writing, develop skills essential for the state writing assessment in their junior year, and strengthen their understanding of plot, character, and literary analysis. Coursework includes composing an argumentative research paper with MLA in-text citations and a Works Cited page, delivering a multimedia presentation, annotating novels and non-fiction texts, analyzing audio/visual materials, and refining grammar skills to prepare students for success in high school, college, and beyond.(1 year)



COURSE DESCRIPTIONS

ENGLISH - LANGUAGE ARTS

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)

ENGLISH - LANGUAGE ARTS

Advanced English III (Junior)

Graduation requirement credit: Language Arts (LA)

Grade level: 11

Credit: 1.0

Prerequisites: Teacher Placement

Course description: English 3 Advanced is a concurrent option offered within the English 3 class for students seeking to deepen their skills in literary analysis, academic writing, and multimodal research. Students choosing the “Advanced” designation on their transcript will be expected to exceed success criteria outlined in the course syllabus and demonstrate mastery of more advanced writing strategies. Students will refine argumentative writing by producing a research paper with MLA in-text citations and a Works Cited page, develop presentations (Google Slides), and engage in literary analysis through annotation of novels, non-fiction texts, and audio/visual materials. Focus areas include plot structure, character development, grammar, and the use of credible evidence to support claims — all aligned with Oregon’s 11th Grade English Language Arts standards.(1 year)

ENGLISH LANGUAGE ARTS - CORE

English IV (Senior)

Graduation requirement credit: Language Arts (LA)

Grade level: 12

Credit: 1.0

Prerequisites: Teacher Recommendation

Course description: English IV refines students’ reading, writing, language, and communication skills aligned with Oregon’s 12th-grade English Language Arts Standards. Through fiction, non-fiction, podcasts, and writing projects, students strengthen critical thinking, collaboration, and literacy skills essential for college, careers, and lifelong learning. (Year-long)



COURSE DESCRIPTIONS

ENGLISH LANGUAGE ARTS - CORE

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 engages students in the study and practice of critical thinking, reading, and writing. The course focuses on analyzing and composing across varied rhetorical situations and in multiple genres. Students will apply key rhetorical concepts flexibly and collaboratively throughout their writing and inquiry processes.

Successful completion with a C- or better (or demonstrated competency) is required to move to WR 122. Partially fulfills the general education foundational skills writing requirement.
(1 semester)

ENGLISH LANGUAGE ARTS - CORE

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: Continuing the focus of WR121, this course builds on concepts and processes emphasized in WR 121, engaging with inquiry, research, and argumentation in support of students' development as writers. The course focuses on composing and revising in research-based genres through the intentional use of rhetorical strategies. Students will find, evaluate, and interpret complex material, including lived experience; use this to frame and pursue their own research questions; and integrate material purposefully into their own compositions.

Fulfills the general education foundational skills writing requirement if passed with a C- or better.
(1 semester)



COURSE DESCRIPTIONS

HEALTH - CORE REQUIREMENT

7th Grade Health

Grade level: 7

Course description: students will dive into real-world topics that impact their daily lives while building lifelong health skills. Aligned with Oregon Health Education Standards, students will explore personal wellness, nutrition, decision-making, goal setting, and the importance of healthy relationships. Together, we'll unpack how media and peers influence choices, develop refusal and communication skills, and learn strategies to handle stress and emotions in positive ways. By the end of the course, students will be empowered with knowledge and practical tools to make informed decisions that support their physical, emotional, and social well-being — setting them up for success now and in the future! (1 semester)

HEALTH - CORE REQUIREMENT

8th Grade Health

Grade level: 8

Course description: This required course builds on 7th grade Health, helping students deepen their understanding of Personal Wellness, Mental and Emotional Health, Substance Use Prevention, Body Systems and Disease, Nutrition and Fitness, and Sexual Health. Through interactive lessons and activities, students will strengthen their decision-making skills and learn to navigate adolescence with confidence, making informed choices that impact their well-being and relationships. (1 semester)





COURSE DESCRIPTIONS

HEALTH - CORE REQUIREMENT

Health I

Graduation requirement credit: Health (HE)

Grade level: 9, 10

Credit: 0.5

Prerequisite: None

CCN: No

Course description: Engage in a comprehensive Health Education program designed to equip students with essential knowledge and skills for making informed health decisions. This course delves into topics such as mental, social, and emotional health; healthy eating; physical activity; prevention and control of disease; environmental health; injury prevention; violence and suicide prevention; and sexual health. By integrating the latest Oregon Health Education Standards, the curriculum fosters health literacy, empowering students to lead healthy, productive lives. (1 semester)

HEALTH - CORE REQUIREMENT

Health II

Graduation requirement credit: Health (HE)

Grade level: 11, 12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: Embark on a dynamic journey through Health Education, where students explore critical areas including mental and emotional well-being, nutrition, physical fitness, disease prevention, environmental health, injury and violence prevention, and sexual health. The curriculum emphasizes skill development, enabling students to analyze influences on health behaviors, access reliable health information, and practice effective communication and decision-making. This course not only meets Oregon's educational standards but also prepares students to advocate for personal, family, and community health.(1 semester)





COURSE DESCRIPTIONS

MATHEMATICS - CORE

6th Grade 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)

MATHEMATICS - CORE

7th Grade 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)

MATHEMATICS - CORE

8th Grade 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)



COURSE DESCRIPTIONS

MATHEMATICS - CORE

Algebra I A & B

Graduation requirement credit: Mathematics (MA)

Grade level: 9, 10

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)

MATHEMATICS - CORE

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)

MATHEMATICS - CORE

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)



COURSE DESCRIPTIONS

MATHEMATICS - CORE

Algebra 2

Graduation requirement credit: Mathematics (MA)

Grade level: 10, 11, 12

Credit: 1.0

Prerequisites: Teacher placement

Course description: Algebra 2 is a pivotal course that deepens students' understanding of mathematical concepts, building upon the foundations established in previous courses. Students will explore complex topics such as quadratic functions, polynomial expressions, rational expressions, and logarithmic functions. The curriculum emphasizes the development of abstract reasoning and problem-solving skills, preparing students for advanced studies in mathematics and related fields. Engaging with these concepts not only enhances analytical abilities but also fosters a greater appreciation for the role of mathematics in various real-world applications. (1 year)

MATHEMATICS - CORE

College Algebra

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)



COURSE DESCRIPTIONS

MATHEMATICS - CORE

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)





COURSE DESCRIPTIONS

PHYSICAL EDUCATION - CORE

The state of Oregon mandates that middle school students (grades 6-8) participate in physical education (PE) to promote lifelong health and physical activity. The curriculum is designed to develop knowledge, motor skills, attitudes, and confidence necessary for maintaining active lifestyles.

PHYSICAL EDUCATION - CORE

Junior High PE

Grade level: 6, 7, 8

Prerequisite: No

Course description: In this semester-long course, students focus on personal fitness and wellness, incorporating activities like circuit training, yoga, and aerobic exercises. The curriculum emphasizes setting personal fitness goals, understanding the principles of physical conditioning, and recognizing the importance of regular physical activity for overall health. Students will also explore topics related to nutrition, stress management, and mental well-being. By the end of the course, students will have developed personalized fitness plans, gained knowledge of healthy lifestyle choices, and cultivated habits that support lifelong wellness. (1 semester)

PHYSICAL EDUCATION - CORE

PE I (High School)

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

Grade level: 9, 10

Credit: 0.5

Prerequisite: No

CCN: No

Course description: This semester-long course introduces students to a variety of physical activities designed to promote lifelong fitness and well-being. Students will engage in activities such as aerobic exercises, strength training, flexibility routines, and recreational sports. The curriculum emphasizes personal goal setting, self-assessment, and the development of individualized fitness plans. Upon successful completion, students will demonstrate the ability to design and implement a personal fitness program, exhibit competency in multiple physical activities, and apply knowledge of health-related fitness components to maintain a healthy lifestyle. (1 semester)



COURSE DESCRIPTIONS

Physical Education - Core

Mindfulness Yoga

Grade level: 9, 10, 11, 12

Prerequisite: No

Course description: In this semester-long course, students will explore the physical, mental, and emotional benefits of yoga through various poses, breathwork, and mindfulness techniques. The curriculum focuses on enhancing flexibility, strength, and balance, while also incorporating relaxation and stress management practices. Students will learn how to create personalized yoga routines, set fitness goals, and recognize the importance of mindfulness and self-care in daily life. The course will also cover topics such as mental well-being, stress reduction, and the connection between physical activity and overall health. By the end of the course, students will have developed an understanding of yoga's role in maintaining both physical fitness and emotional resilience, equipping them with tools for lifelong wellness. (1 semester)

PHYSICAL EDUCATION - CORE

Female 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 course is designed specifically for female students to build strength, endurance, and overall fitness through proper weightlifting techniques and conditioning exercises. Students will focus on developing a solid foundation in strength training, with an emphasis on technique, injury prevention, and muscle conditioning. The curriculum will also cover goal setting, building confidence in the weight room, and learning how to create a sustainable, healthy fitness routine. By the end of the semester, students will have the tools and knowledge to continue their strength training safely and effectively, empowering them to maintain an active, healthy lifestyle. This course may be repeated. (1 semester)

PHYSICAL EDUCATION - CORE

Dance Styles

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 course combines the art of dance with physical fitness to promote overall health, strength, and endurance. Through structured routines and choreography, students will improve their coordination, agility, and rhythm while building stamina and strength. The class will encourage students to explore dance as a fun and effective form of exercise that can be incorporated into a healthy lifestyle. By the end of the semester, students will have developed both their fitness and dance skills, fostering a lifelong appreciation for movement and physical activity.



COURSE DESCRIPTIONS

PHYSICAL EDUCATION - CORE

PE II (High School)

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

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: This semester-long course develops skills in team sports like basketball, soccer, volleyball, and ultimate frisbee, along with cooperative activities that promote teamwork and strategic thinking. Students will enhance communication, leadership, and social interaction while mastering game rules and strategies. Upon completion, students will demonstrate proficiency in team sports, effective teamwork, and leadership, fostering a lifelong appreciation for group physical activities.

PHYSICAL EDUCATION - CORE

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 Strength and Conditioning course for grades 9-12 focuses on building strength, endurance, and fitness through proper weightlifting techniques and conditioning. Students will learn injury prevention, goal setting, and how to maintain a healthy, active lifestyle. By the end, they will have the skills to continue their fitness journey safely and effectively. This course can be repeated. (1 semester)

PHYSICAL EDUCATION - CORE

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 course can be repeated. (1 semester)



COURSE DESCRIPTIONS

SCIENCE - CORE

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 - CORE

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 - CORE

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)



COURSE DESCRIPTIONS

SCIENCE - CORE

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)

SCIENCE - CORE

Advanced Biology

Graduation requirement credit: General Science (SC)

Grade level: 9

Credit: 1.0

Prerequisites: None

CCN: No

Course description: Advanced Biology class will provide students with an enriched curriculum that delves deeper into biological concepts. Students opting for the "Advanced" designation will engage in more rigorous inquiry-based investigations, exploring topics such as evolution, cellular processes, genetics, and ecology. Emphasizing scientific practices, the course encourages mastery beyond core success criteria, fostering critical thinking and a profound understanding of biological principles. By the end of the course, students will have developed the analytical skills and knowledge base essential for advanced studies in the life sciences. (1 year)





COURSE DESCRIPTIONS

SCIENCE - CORE

Chemistry

Graduation requirement credit: General Science (SC)

Grade level: 10

Credit: 1.0

Prerequisites: Teacher Placement

CCN: No

Course description: This year-long course introduces students to fundamental chemical principles, including atomic structure, the periodic table, chemical bonding, stoichiometry, states of matter, and solutions. Emphasizing both theoretical understanding and practical application, students will engage in problem-solving and hands-on laboratory experiments to reinforce concepts. The curriculum aligns with the Oregon Science Standards, ensuring a comprehensive foundation in chemistry. (1 year)

SCIENCE - CORE

Advanced Chemistry

Graduation requirement credit: General Science (SC)

Grade level: 10

Credit: 1.0

Prerequisites: None

CCN: No

Course description: Offered concurrently within the standard Chemistry class, Advanced Chemistry provides an enriched curriculum for students seeking a deeper exploration of chemical concepts. In addition to standard topics, advanced students will delve into areas such as chemical kinetics, equilibrium, thermodynamics, and electrochemistry. They will be expected to demonstrate mastery beyond the core success criteria outlined in the course syllabus, engaging in more complex problem-solving and independent research projects. Both standard and advanced students will share the same classroom and instructor, fostering a collaborative learning environment. (1 year)





COURSE DESCRIPTIONS

SCIENCE - CORE

Physics

Graduation requirement credit: General Science (SC)

Grade level: 11, 12

Credit: 1.0

Prerequisites: Teacher Placement

CCN: No

Course description: This year-long course introduces students to fundamental physics principles, emphasizing their application in everyday phenomena. Topics include motion, forces, energy conservation, waves, electricity, and magnetism. Through hands-on experiments and problem-solving, students develop critical thinking and analytical skills. The curriculum aligns with the Oregon Science Standards, ensuring a comprehensive understanding of physical laws governing our world. (1 year)

SCIENCE - CORE

Advanced Physics

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

Grade level: 11, 12

Credit: 1.0

Prerequisites: None

CCN: No

Course description: Offered concurrently within the standard Chemistry class, Advanced Chemistry provides an enriched curriculum for students seeking a deeper exploration of chemical concepts. In addition to standard topics, advanced students will delve into areas such as chemical kinetics, equilibrium, thermodynamics, and electrochemistry. They will be expected to demonstrate mastery beyond the core success criteria outlined in the course syllabus, engaging in more complex problem-solving and independent research projects. Both standard and advanced students will share the same classroom and instructor, fostering a collaborative learning environment. (1 year)





COURSE DESCRIPTIONS

SCIENCE - CORE

Organic Chemistry

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

SCIENCE - CORE

Anatomy & Physiology

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

Grade level: 10, 11, 12

Credit: 1.0

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

CCN: No

Course description: Explore the fascinating world of the human body in Dayton High School's Anatomy and Physiology course. This hands-on class delves into the structure and function of the body's systems, from the skeletal and muscular systems to the nervous and cardiovascular systems. Students will gain a deep understanding of how the body works, applying their knowledge through labs, dissections, and real-world examples. Perfect for those interested in healthcare, biology, or simply curious about how our bodies function, this course provides the foundation for future careers in medicine, fitness, and science.





COURSE DESCRIPTIONS

SCIENCE - CORE

Microbiology

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

SCIENCE - CORE

Forensics

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

SCIENCE - CORE

Geology

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

Grade level: 10, 11, 12

Credit: 0.5

Prerequisites: Successful completion of Biology.

CCN: No

Course description: Geology is a semester-long class focused on the study of Earth, its materials, and the processes that shape it. Students will engage in units covering Earth's Surface, Rocks and Minerals, Plate Tectonics, Earth's Energy, Earthquakes and Volcanoes, Soil, and Fossils. (1 semester)



COURSE DESCRIPTIONS

SEMINAR - CORE

The College/Career Readiness Seminar is an essential course designed to equip students with the tools, knowledge, and resources they need to successfully navigate life after high school, whether they plan to attend college, enter the workforce, or pursue other post-graduation opportunities.

This course is now a requirement for graduation in Oregon, as it ensures all students complete their Personal Education Plan (PEP) and are prepared for the next steps in their academic or career journey.

Throughout the seminar, students will explore a variety of topics that are crucial to their future success, including college research, applications, and scholarship opportunities. The class also covers important areas like financial aid, SAT/ACT preparation, building professional resumes, and career planning. These practical skills are not just for students aiming for a college degree, but for all students, as they will also benefit those entering trades, the military, apprenticeships, or other vocational fields.

The Seminar provides time and guidance for students to reflect on their goals, plan their next steps, and develop the skills they need to thrive in their chosen path. Seminar is offered as a Pass/No Pass class, ensuring students focus on mastery of these critical life skills without the pressure of traditional grading, making it an important and accessible resource for every student preparing for life beyond high school.

SEMINAR - CORE

Seminar - 11th/12th Grade

Graduation requirement credit: PEP/Seminar

Grade level: 11, 12

Credit: 0.5

Prerequisite: None

CCN: none

Course description: This College/Career Readiness Class is designed to provide juniors and 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)



COURSE DESCRIPTIONS

SOCIAL STUDIES - CORE

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)

SOCIAL STUDIES - CORE

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)

SOCIAL STUDIES - CORE

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)



COURSE DESCRIPTIONS

SOCIAL STUDIES - CORE

U.S. History

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

Grade level: 9 and 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)

SOCIAL STUDIES - CORE

Advanced U.S. History

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

Grade level: 9 and 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. Students who demonstrate mastery beyond the established standards have the opportunity to earn advanced credit, recognizing their deeper understanding and critical analysis of historical events and trends. (1 year)

SOCIAL STUDIES - CORE

Global Studies

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

Grade level: 10

Credit: 1.0

Prerequisites: None

CCN: No

Course description: Students will study the relationship between land and people. This class will focus on two themes: how people use the earth and how the earth influences the way people live. Students will develop geography skills as well as historical thinking while grappling with these themes. (1 year)

SOCIAL STUDIES - CORE

Global Studies

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

Grade level: 10

Credit: 1.0

Prerequisites: None

CCN: No

Course description: Students will study the relationship between land and people. This class will focus on two themes: how people use the earth and how the earth influences the way people live. Students will develop geography skills as well as historical thinking while grappling with these themes. Those who exceed the course standards through deeper analysis and application of the content will have the opportunity to earn advanced credit, recognizing their enhanced understanding and critical engagement with global studies. (1 year)



COURSE DESCRIPTIONS

SOCIAL STUDIES - CORE

Government and Civics

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

Grade level: 11, 12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: Students will study the United States Government and its creation, foundation, development, documents and implementation. They will also learn about the United States government structure, roles and responsibilities of citizens, how citizens can be involved in the political process, and the impact of laws and the legal system. (1 semester)

SOCIAL STUDIES - CORE

Economics

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

Grade level: 11, 12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: This course begins students on the path to understanding how people use their limited resources available. Students will explore basic economic questions to understand how the United States and world economies work. Students will also explore personal finance to teach fiscal responsibility and economic decision making. (1 semester)

SOCIAL STUDIES - CORE

Law and Debate

Graduation requirement credit: Elective (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)



COURSE DESCRIPTIONS

WORLD LANGUAGES - ELECTIVE

Culture of Spanish-Speaking Countries

Grade level: 6, 7, 8

Prerequisite: None

Course description: This is a semester-long course. Students will study and explore the culture, history and geography of the 21 Spanish-speaking countries of the world. An emphasis is placed on note-taking, organization, and reading techniques to help prepare students for high school. Students will also engage in multiple crafting activities to appreciate various art forms throughout the Spanish-speaking world. The class culminates with the students picking one Spanish-speaking country to become experts about. They will research and present to the class to share their knowledge with one another. (1 semester)

WORLD LANGUAGES - CORE

Spanish I

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)

WORLD LANGUAGES - CORE

Spanish II

Graduation requirement credit: Second Language (SL or EL)

Grade level: 10, 11, 12

Credit: 1.0

Prerequisite: Spanish I 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)



COURSE DESCRIPTIONS

WORLD LANGUAGES - CORE

Spanish II

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)

WORLD LANGUAGES - CORE

Advanced Spanish

Graduation requirement credit: Second Language (SL or EL) (I'm not sure what to put here)

Grade level: 11, 12

Credit:1.0

Prerequisite: Spanish 2 or instructor approval upon completion of placement test

CCN: No

Course description: Advanced Spanish is a mixed-level course of learners in both Spanish 3 and Spanish 4. The course is designed for students who wish to develop a deeper understanding of the language by speaking, writing, listening and reading through the interpretive, interpersonal and presentational modes outlined in the state standards. Students are expected to speak in Spanish and interact with their peers daily to further develop their skills. They will be introduced to new grammatical structures and vocabulary to increase their foundational skills of the language. (1 year)

WORLD LANGUAGES - CORE

American Sign Language

Graduation requirement credit: Second Language (SL or EL)

Grade level: 9, 10, 11, 12

Credit:1.0

Prerequisite: None

CCN: No

Course description: This course introduces students to American Sign Language (ASL) as a fully developed visual language with its own grammar and syntax. Students will develop foundational skills in expressive and receptive signing, fingerspelling, and basic conversational fluency. Through interactive activities, dialogues, and cultural studies, students will gain insight into Deaf culture, history, and the role of ASL within the Deaf community. (1 year)



ELECTIVE CLASSES

At Dayton Junior High and High School, in addition to the Career Technical Education classes that can be taken as electives, we also offer electives in a variety of other areas as well. These include:

- Aide
- Leadership
- STEAM
- Visual Arts

Elective classes offer the perfect opportunity to explore new interests and discover hidden talents beyond your regular subjects. In Visual Arts, you can experiment with painting, drawing, or sculpting to express your creativity. Leadership classes teach you how to organize events, guide your peers, and develop strong decision-making skills. Aiding gives you real-world experience helping teachers or office staff, building communication skills and responsibility.

These electives are important because they help you grow personally and learn essential life skills. They foster creativity, confidence, and teamwork, making you a more well-rounded student. Additionally, through STEAM (Science, Technology, Engineering, Arts, and Mathematics), you can explore interdisciplinary learning, where critical thinking and innovation come together to solve real-world problems.

Trying different electives helps you find new passions and see what excites you most. Whether you want to create, perform, lead, assist, or innovate, electives open doors to valuable learning experiences that prepare you for the future.



COURSE DESCRIPTIONS

ELECTIVE - AIDE

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 90% 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. 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)

ELECTIVE - AIDE

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 90% 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)





COURSE DESCRIPTIONS

ELECTIVE - LEADERSHIP

Introduction to Leadership - Junior High School

Grade level: 6, 7, 8

Prerequisite: None

Course description: Introduction to Leadership provides students with a practical, progressive, and proven leadership development training program that spans a student's entire career from 6th grade all the way through to senior graduation. This comprehensive and cutting edge curriculum targets students at their specific level of performance and leadership development. The series starts with teaching the critical self leadership skills of responsibility (Level 1), accountability (Level 2), and commitment (Level 3) and then progresses on to the more advanced skills of effective team leadership (Level 4), building a championship culture (Level 5), and holding classmates accountable (Level 6). (1 semester)

ELECTIVE - LEADERSHIP

ASB Leadership - Junior High School

Grade level: 6, 7, 8

Prerequisite: Application and Student Elections/Selections

Course description: Students participate in projects and assignments that develop the Oregon Employability Skills such as collaboration, adaptability, and problem-solving while working on goal-setting and self-reflection. Students are encouraged to design and implement projects that improve their school culture and have a positive impact on their community. They also have opportunities to help manage the JH Student Store and assist in fund-raising activities.



COURSE DESCRIPTIONS

ELECTIVE - LEADERSHIP

Introduction to Leadership - High School

Graduation requirement credit: Elective (EL)

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: None

CCN: No

Course description: Introduction to Leadership provides students with a practical, progressive, and proven leadership development training program that spans a student's entire career from 6th grade all the way through to senior graduation. This comprehensive and cutting edge curriculum targets students at their specific level of performance and leadership development. The series starts with teaching the critical self leadership skills of responsibility (Level 1), accountability (Level 2), and commitment (Level 3) and then progresses on to the more advanced skills of effective team leadership (Level 4), building a championship culture (Level 5), and holding classmates accountable (Level 6). (1 semester)

ELECTIVE - LEADERSHIP

ASB Leadership - High School

Graduation requirement credit: Elective (EL)

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisite: Application and Student Elections/Selections

CCN: No

Course description: Students will be leaders in our school working on skills including teamwork, problem solving, planning events, encouraging school spirit, running school activities, and fundraising. Students will be encouraged to be creative, follow through on their ideas and plans, and reflect on their successes and struggles. Events that fall under the scope of leadership include but are not limited to first day of school welcoming, Homecoming, Winter Formal, Winter Week, Prom, May Week, May Coronation, May Day Games, and Pep and other assemblies.

COURSE DESCRIPTIONS

ELECTIVE - STEAM

STEAM

Grade level: 6, 7, 8

Course description: In STEAM, students will work together to solve creative challenges by combining science, technology, engineering, art, and math. Through hands-on projects, students will use the Engineering Design Process to brainstorm ideas, build prototypes, test their solutions, and improve their designs. From designing mini-golf courses and rockets to exploring digital tools like 3D modeling and coding, students will practice critical thinking, teamwork, and problem-solving skills. Along the way, they'll learn how science and creativity work together to solve real-world problems and bring innovative ideas to life. (1 semester)





COURSE DESCRIPTIONS

ELECTIVE - VISUAL ARTS

Junior High Ceramics

Grade level: 6, 7, 8

Prerequisite: None

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. (1 semester)

ELECTIVE - VISUAL ARTS

Junior High 3-D Sculpture

Grade level: 6, 7, 8

Prerequisite: None

Students will 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)

ELECTIVE - VISUAL ARTS

Junior High Jewelry & Metal-smithing

Grade level: 6, 7, 8

Prerequisite: None

Course description: This is an introduction to Jewelry and Metal-smithing. Fundamental techniques and design will be taught, including working with metal, cutting, soldering and more. Projects will include, but are not limited to, wire wrap rings, bangle bracelets, pendants, and casting. Respect for materials, equipment, following instruction, and daily participation are required. (1 semester)

ELECTIVE - VISUAL ARTS

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)



COURSE DESCRIPTIONS

ELECTIVE - VISUAL ARTS

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)

ELECTIVE - VISUAL ARTS

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)

ELECTIVE - VISUAL ARTS

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)



SUPPORT PROGRAMS

At Dayton, we believe in giving every student the support they need to thrive. That's why we offer a range of exciting programs designed to help you develop strong study habits, explore your interests, and prepare for life after graduation.

AVID

Advancement Via Individual Determination (AVID) is an elective course that prepares students for college readiness and success in the workforce, through building student agency, responsibility, and ownership of their school experience while preparing them for the world beyond high school.

Compass

Compass provides a flexible environment for students who learn best in a smaller setting.

English Language Development

Multi-Lingual Learners classes give extra practice and support to students whose first language is not English.

Special Education

Finally, Special Education classes ensure that every learner receives personalized help to succeed. Each program is led by caring teachers who want to see you reach your goals!



COURSE DESCRIPTIONS

MATHEMATICS - CORE

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)

MATHEMATICS - CORE

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)

MATHEMATICS - CORE

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)



COURSE DESCRIPTIONS

SUPPORT CLASSES - ELECTIVE

AVID - 8th Grade

Graduation requirement credit: Elective (EL)

Grade level: 8

Credit: 0.5

Prerequisites: Application

CCN: No

Course description: Students will work on academic and personal goals and communication, adjusting to the high school setting. Students will increase awareness of their personal contributions to their learning as well as involvement in their school and community. There is an emphasis on analytical writing and focusing on personal goals. Students will work in collaborative settings, learning how to participate in collegial discussions and use sources to support ideas and opinions. Students will refine study skills and test-taking, note-taking, and research techniques. Students will take an active role in field trips and guest-speaker preparations and presentations. Their college research will include financial topics and building their knowledge of colleges and careers of interest.(1 semester)

SUPPORT CLASSES - ELECTIVE

AVID - 9th Grade

Graduation requirement credit: Elective (EL)

Grade level: 9

Credit: 0.5

Prerequisite: Application

CCN: No

Course description: During the 10th grade AVID Elective course, students will continue to refine and adjust their academic learning plans and goals, increasing awareness of their actions and behaviors. As students increase their rigorous course load and involvement with school and community, they will hone their time-management and study skills accordingly. Students will continue to build their student agency through guided leadership study. Students will narrow down their colleges and careers of interest based on their personal interests and goals. (1 semester)



COURSE DESCRIPTIONS

SUPPORT CLASSES

AVID - 11th/12th Grade

Graduation requirement credit: Elective (EL)

Grade level: 11, 12

Credit: 0.5

Prerequisite: Application

CCN: No

Course description: The 11th/12th grade AVID Elective course is designed to support students in rigorous courses with research skills, financial literacy, and continued skill-building in reading and writing. In addition to the academic focus of the AVID seminar, college-bound activities, methodologies, and tasks that will be undertaken during the junior year to support students when they apply to four-year universities and confirm their postsecondary plans. Students will complete one college essay before beginning senior year and begin to understand the financial aid and scholarship application process. In addition to the academic focus of the AVID seminar, there are college-bound activities, career exploration, group projects, field trips and team building activities. The AVID course also brings in guest speakers from a variety of fields so students learn first hand what career opportunities are available.(1 semester)





COURSE DESCRIPTIONS

SUPPORT CLASSES

Compass

Graduation requirement credit: None

Grade level: 9, 10, 11, 12

Credit: CREDIT IS EARNED BY CLASSES COMPLETED - Credit recovery on schedule does not count toward athletic eligibility.

Prerequisites: Intake Process

CCN: No

Course description: This specialized course is designed for students requiring social-emotional support, behavioral assistance, or those with significant credit deficiencies. Enrollment is by intake meeting only and not available through regular forecasting. Using the Edmentum online program, students will receive individualized instruction and support tailored to their unique needs, focusing on academic progress, personal growth, and building essential life skills. The course provides a flexible learning environment, combined with ongoing emotional and behavioral support, to help students succeed at their own pace and re-engage with their education. (1 year)





COURSE DESCRIPTIONS

SUPPORT CLASSES

JH Newcomers ELD

Grade level: 6, 7, 8

Prerequisites: Team Placement

Course description: This is an intensive course designed for multilingual learners at the beginning and early intermediate levels of English proficiency and who have less than two years of study in English-speaking schools. The course emphasizes helping students learn the English grammar and vocabulary necessary to successfully participate in core-content classes. Students are taught to use a variety of tools and techniques in order to comprehend academic content in their current classes while they develop fluency in reading, writing, listening and speaking skills. (1 semester)

SUPPORT CLASSES

HS Newcomers ELD

Graduation requirement credit: Elective (EL)

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisites: Team Placement

CCN: No

Course description: This is an intensive course designed for multilingual learners at the beginning and early intermediate levels of English proficiency and who have less than two years of study in English-speaking schools. The course emphasizes helping students learn the English grammar and vocabulary necessary to successfully participate in core-content classes. Students are taught to use a variety of tools and techniques in order to comprehend academic content in their current classes while they develop fluency in reading, writing, listening and speaking skills. (1 semester)





COURSE DESCRIPTIONS

SUPPORT CLASSES

English Learner Development - Junior High

Grade level: 6, 7, 8

Prerequisites: Team Placement

Course description: ELD: Multilingual learners who qualify for English Language Development (ELD) services in middle school receive English language development instruction from an ELD teacher. These courses are designed for Multilingual learners in 6th, 7th and 8th grade range of proficiency levels, from emerging through expanding. Students develop academic language in all modes of communication including listening, speaking, reading, and writing. Instruction focuses on word/phrase, sentence, and discourse dimensions of language used to access the concepts and objectives of secondary content courses.

SUPPORT CLASSES

English Learner Development - High School

Graduation requirement credit: Elective (EL)

Grade level: 9, 10, 11, 12

Credit: 0.5

Prerequisites: Team Placement

CCN: No

Course description:

Multilingual learners who qualify for English Language Development (ELD) services in middle school receive English language development instruction from an ELD teacher. These courses are designed for Multilingual learners in 6th, 7th and 8th grade range of proficiency levels, from emerging through expanding. Students develop academic language in all modes of communication including listening, speaking, reading, and writing. Instruction focuses on word/phrase, sentence, and discourse dimensions of language used to access the concepts and objectives of secondary content courses.



COURSE DESCRIPTIONS

SUPPORT CLASSES

High School Success

Graduation Credit Requirement: Elective (EL)

Grade level: 9

Credit: 0.5

Prerequisite: 9th Grade Team Placement

CCN: none

Course description: This class is designed as a support class for 9th grade students who need to build soft skills and have academic support. Students were selected through the counseling center based on behavior, attendance and academic needs. This class counts as an elective credit towards graduation. (1 semester)





COURSE DESCRIPTIONS

SUPPORT CLASSES

Functional Communication

Grade level: 6, 7, 8, 9, 10, 11, 12

Prerequisite: IEP Team Placement

Course description: Class concentration is on IEP communication goals. The class does a class meeting, practices communication and watches the news. Some highly impacted students eat breakfast during the class because of feeding protocols.

SUPPORT CLASSES

Functional Math

Grade level: 6, 7, 8, 9, 10, 11, 12

Prerequisite: IEP Team Placement

Course description: Class concentrates on IEP math goals for students below the academic level of sixth grade. There's a lot of multiplication and division as well as money skills. Highly impacted students do stations, a rotation where each student works with an IA on a different IEP goal area or skill set.

SUPPORT CLASSES

Functional Language Arts

Grade level: 6, 7, 8, 9, 10, 11, 12

Prerequisite: IEP Team Placement

Course description: Functional Routines is a reading/writing instructional class based on IEP goals. Students are typically below a third grade level in decoding and comprehension.



COURSE DESCRIPTIONS

SUPPORT CLASSES

Functional Support

Grade level: 6, 7, 8, 9, 10, 11, 12

Prerequisite: IEP Team Placement

Course description: Class for highly impacted students to work on miscellaneous homework or miscellaneous IEP goals. Extra time is filled with exploring leisure activities such as puzzles or going on walks.

SUPPORT CLASSES

Functional Vocation

Grade level: 6, 7, 8, 9, 10, 11, 12

Prerequisite: IEP Team Placement

Course description: Classes designed to develop students vocational aptitude by giving them a variety of job experiences including recycling paper bottles and cans, cooking, shopping organizing the lost and found, and delivering donations Highly impacted students work on PT and OT specific services such as using a walker, or standard.

SUPPORT CLASSES

Functional Academics

Grade level: 6, 7, 8, 9, 10, 11, 12

Prerequisite: IEP Team Placement

Course description: This class is primarily for our most impacted students. We do a second round of stations in which each student works with a staff member on a variety of goals per their station. As an example one IA works with each of the students one at a time on math while another IA works with each of the students on writing and so on



COURSE DESCRIPTIONS

SUPPORT CLASSES

Junior High Support

Grade level: 6,7,8

Prerequisite: IEP Team Placement

Course description: The JH Support class is an opportunity for students who struggle with academics, study skills, and social emotional intelligence, to have an opportunity to build their skills through direct instruction and opportunities for practice in a small group setting away from the general education classroom. Daily tasks range from academic practice, homework and classwork support and reteaching for all subject areas, as well as delivery of specially designed instruction to address specific IEP goals.

SUPPORT CLASSES

High School Support

Grade level: 9, 10, 11, 12

Prerequisite: IEP Team Placement

Course description: This class is designed to support students' with individualized education plans (IEP's), help students navigate high school and give support for other classes. The teacher will use general education schoolwork, as much as possible to help build skills. Supplementary materials are added based on individual needs. This class counts as an elective credit towards graduation.

SUPPORT CLASSES

Transition Literacy

Grade level: 12

Prerequisite: IEP Team Placement

Course description: This class is designed to support students' with individualized education plans (IEP's), help students navigate high school and give support for other classes. The teacher will use general education schoolwork, as much as possible to help build skills. This class focuses on the transition from high school to after graduation. This class counts as an elective credit towards graduation.