

Centennial High School

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Parents and Students:

Disclaimer: The Course Catalog is intended to be a guide. Requirements are specific to individual graduating classes (Freshman-Senior). It is wise to check your schedule and progress with your counselor as questions or concerns arise. We encourage you to regularly monitor your progress and communicate with your counselor as it relates to your class graduation requirements.

Courses and policies described in this Course Catalog are subject to revision and change. Decisions relating to whether or not a course is offered include, but are not limited to: the number of students that forecast for a given course, administrative determination, and availability of staffing.

CHS COURSE CATALOG 2022-2023

Key:

Numbers written only once indicate a trimester-long course.
1161A9 is a one trimester course. Forecast for this only one time.

Numbers written like this are two trimester courses. **051531 & 2** means it is a two trimester course and needs to be forecast for both trimesters: **051531** and **051532**.

Numbers written like this are three trimesters: **205851 & 2 & 3**. Forecast for **205851** and **205852** and **205853**.

Fine Arts (p. 14-17)

1161A9	Art 1
1161B9	Art 2
051579	Painting 1
1164A9	Ceramics 1
1164B9	Ceramics 2
051589	Sculpture
1181A9	Studio Art
051531 & 2	A.P. Art History A/B
1111A1 & 2	Intro. to Drama A/B
1111B1 & 2 & 3	Fundamentals of Drama A/B/C
1111C1 & 2 & 3	Advanced Theater Arts A/B/C
1114B1 & 2 & 3	Tech Theatre Level 1 A/B/C
1114C1 & 2 & 3	Tech Theatre Level 2 A/B/C
1114D1 & 2 & 3	Tech Theatre Level 3 A/B/C
1123A1 & 2 & 3	Concert Band A/B/C
1126A1 & 2	Jazz Band A/B
1127A1	Percussion & Drum Line
1130D1 & 2 & 3	Concert Choir A/B/C
1131D1 & 2	C Notes Ensemble A/B
1130B1 & 2	Eagle Choir A/B
1123B1	Contemporary Music

*See World Languages for more Fine Arts options

LANGUAGE ARTS (p. 17-21)

10014A & B	Language Arts 9 A/B
10024A & B	Language Arts 10 A/B
10025A & B	Honors L.A.10 A/B
100261 & 2	Sci-Fi Lit & Film A/B
10034A & B	Language Arts 11 A/B
10044A & B	Language Arts 12 A/B
100541 & 2	Women's Lit & Gender Studies A/B
100449	Podcasting
101251 & 2	A.P. Lang & Comp A/B
101351 & 2	A.P. Lit & Comp A/B
100853 & 4	Writing 121/122
1021A9	Creative Writing
1902A8	Beginning Journalism
1902D1 & 2 & 3	Adv. Journalism A/B/C
1902E1 & 2 & 4	Yearbook A/B/C
100911 & 2	Acad. Literacy A/B
1082AA & B	Speech 1 A/B
1082BA & B	Speech 2 A/B
1082CA & B	Speech 3 A/B

ELD (p. 21-23)

0899C1 & 2	ELD Beg. Everyday English. A/B
0899D1 & 2	ELD Beginning. Lit & Culture A/B
0899E1 & 2	ELD Begin Sci & Tech A/B
0899H1 & 2	ELD Beg. Social Studies A/E
0899K1 & 2	ELD Early Intermediate A/B
0899L1 & 2	ELD Intermediate A/B
0899S1 & 2	ELD Early Advanced A/B
0899M1 & 2	ELD Advanced A/B
0899V1 & 2	ELD for Grad. Srs. A/B
089941 & 2	ELD Skills A/B
0811FA & B	Freshman Success for ELs A/B
1001AA & B	Lang.Arts 9 SIOP A/B
1002AA & B	Lang.Arts 10 SIOP A/B
1003AA & B	Lang.Arts 11 SIOP A/B
2714A1 & 2	World Studies SIOP A/B
1741A1 & 2	Patterns Physics SIOP A/B

Health (p. 24)

140149	Health 1
1401B9	Health 2

PE (p. 24-26)

2301A9	PE 1
231409	Pilates/Yoga
232307	Aquatics
231189	Lifeguard Training
232317	Swim Instructor
2322A9	Strength & Conditioning
2322B9	Strength & Cond 0 Period
231379	Rec Activities

World Languages (p. 26-28)

1207AA & B	A.S.L. 1 A/B
1207BA & B	A.S.L. 2 A/B
1205AA & B	French 1 A/B
1205BA & B	French 2 A/B
1205CA & B	French 3 A/B
1205DA & B	French 4 A/B
1201AA & B	Spanish 1 A/B
1201BA & B	Spanish 2 A/B
1201CA & B	Spanish 3 A/B
1272AA & B & C	Spanish for Heritage Speakers 1 A/B/C
1272BA & B & C	Spanish for Heritage Speakers 2 A/B/C
1202E1 & 2 & 3	A.P. Span.Lang. A/B/C

Mathematics (p. 29-31)

2011M1	Math 8
20031A1	Int. Math 1A
20031B1	Int. Math 1B
20032A1	Int. Math 2A
20032B1	Int. Math 2B
20033AE1 & 2	Ext. Int Math 3A A/B
20033A1	Int. Math 3A
20033B1	Int. Math 3B
2053A9	Pre-Calculus A
2053B8	Pre-Calculus B
205851 & 2 & 3	A.P. Calculus A/B/C
206051 & 2	A.P.Statistics A/B
206441 & 2	Cons. & Fin. Math A/B
206999	Construction Math
202064A & B	Social Justice Math A/B

Career & Technical Ed. (p. 31-37)

0201B1	Technology Apps
0201C1	Tech & Careers
0207AA & B	Accounting 1 A/B
0207BA & B	Accounting 2 A/B
0207CA & B	Accounting 3 A/B
0225AA	Business 1A
0225AB	Business 1B
0225BA & B	Business 2 A/B
1802AA	Marketing 1A
1802AB	Marketing 1B
1802BA & B	Marketing 2 A/B
0225CA & B & C	Business & Marketing 3 A/B/C
029671 & 2	Intro to Bus. Leadership A/B
029681 & 2	Bus. Leadership A/B
029691 & 2	Adv. Bus. Leadership A/B
031509	Digital Media Production
179631	Digital Photography
0315A9	Graphic Design 1
0315B9	Graphic Design 2
0318A9	Web Design & Animation
0318B1 & 2	Studio A/B
0395A9	Cyber Security
031519	Product Design 101
10152A9	Intro to Computer Science
101571 & 2	A.P. Computer Sci. A: A/B
101581 & 2	A.P. Comp Sci. Principles A/B
21009A	Robotics

Family & Consumer Sci. (p. 37- 40)

160511	Exploring Culinary Arts
29431A & B	Cul. Arts & Hosp. 1 A/B
29432A & B	Cul. Arts & Hosp. 2 A/B

29433A & B Cul. Arts & Hosp. 3 A/B
 0505C9 Fashion & Housing Design 1
 0506D9 Fashion & Housing Design 2
 2923A1 & 2 Child Development A/B
 2923A3 Cadet Teaching
 2923B1 & 2 & 3 Child Dev & Theory A/B/C
 2534A1 & 2 & 3 Early Childhood Ed A/B/C
 253301 & 2 & 3 Elem & Middle School
 Work Exp A/B/C
 2923C1 & 2 & 3 Infant & Toddler Work Exp
 050511 & 2 & 3 Parenting A/B/C
 05052A & B Sr. Success For Univ. A/B
 05052C Sr. Success for CC/Trades

Industrial Technology (p. 40-41)

2412A9 Exploratory Metals
 24121A & B Metals 1 A/B
 24122A & B Metals 2 A/B
 24124A & B Adv. Metal Projects A/B
 24123A & B Metal Fabrication A/B

Science (p. 42-43)

174141 & 2 Patterns Physics A/B
 172141 & 2 Chemistry A/B
 171141 & 2 Biology A/B
 172351 & 2 Advanced Chemistry A/B
 171351 & 2 Advanced Biology A/B
 171301 & 2 Anatomy & Physiology A/B
 175121 & 2 A.P. Environ Science A/B
 177141 & 2 Marine Science A/B
 1732A1 & 2 Applied Physics 1 A/B
 1732B1 & 2 Applied Physics 2 A/B
 17335A & B & C A.P. Physics A/B/C
 173353 A.P. Physics C: Mechanics A
 173354 & 5 A.P. Physics C: Elect.
 Magnet. B/C

Social Studies (p. 44-46)

271441 & 2 World Studies A/B
 270151 & 2 A.P. Human Geo.A/B
 272141 & 2 U.S. History A/B
 272521 & 2 & 3 A.P. U.S. History A/B/C
 273049 U.S. Government
 273601 & 2 A.P. U.S. Gov. A/B
 274149 Economics
 2771A9 Intro to Psychology
 2773A1 & 2 A.P. Psychology A/B
 276479 Criminal Justice
 2775A9 Intro to Sociology
 272004 Current Events, Issues &
 Media Literacy
 272199 Holocaust & Genocide Studies
 274079 Government Seminar
 (Close Up)

Other Opportunities (p. 47-50)

0899W1 Work or Volunteer Partnership
 083379 Study Hall
 083151 ASL Peer Tutor
 083141 A.P. Peer Tutor
 0831CRPT Ceramics Peer Tutor
 083106 Choir Peer Tutor
 0831CA Culinary Peer Tutor
 0831E9 ELD Peer Tutor
 083131 French Peer Tutor
 0831C1 Funct. Liv. Skills Peer Tutor
 083121 Language Arts Peer Tutor
 083109 Math Peer Tutor
 083100 Science Peer Tutor
 08310SS Social Studies Peer Tutor
 083139 Spanish Peer Tutor
 220229 Student Services Peer Tutor
 08314SU1 SUN A.P. Peer Tutor
 0831SU1 SUN Peer Tutor
 0831G9 Technology Peer Tutor
 082390 Teacher Assistant

0821BT Office Aide
 0825A1 Library Assistant
 0824CB1 Guidance Aide
 2210609 Advisory 9th Grade
 2210610 Advisory 10th Grade
 2210611 Advisory 11th Grade
 2210612 Advisory 12th Grade
 Advisory-Statham
 FLS-Advisory Donohue

Student Services (p. 51-52)

280511, 2, 3 Comm. Instruction 1A/1B/1C
 280521, 2, 3 Comm. Instruction 2A/2B/2C
 280211, 2, 3 LSRC Math 1A/1B/1C
 280221, 2, 3 LSRC Math 2A/2B/2C
 28044A & B & C SLS LA-Funct. Literacy
 A/B/C
 28045A & B & C SLS Funct. Math A/B/C
 28047A & B & C SLS Work Skills A/B/C
 289901 & 2 & 3 Supported Work Exp.
 A/B/C
 0832SCE1 & 2 & 3 Supplemental Career
 Exp A/B/C
 280701A & B & C Freshman Support A/B/C
 280702A & B & C Sophomore SupportA/B/C
 280703 A & B & C Junior/Senior Support
 A/B/C
 280705A & B & C SDI Persp Taking AM
 A/B/C
 280706A & B & C SDI Persp Taking PM
 A/B/C

Off-Campus Opportunities (p. 52-53)

CAL – The Center for Advanced Learning

***Course availability to be determined by forecasting and other factors.

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Using this Guide:

In addition to cataloging all the opportunities offered at CHS, this Course Catalog is also designed to aid students in making an informed selection of courses at Centennial High School. Each course is described briefly under its department heading. Study this guide carefully. In making course selections, students and parents should consider the following:

1. Courses, opportunities, and policies listed in this catalog are subject to change.
2. Full time students: All ninth and tenth grade students will enroll in classes to fill **five periods, plus Advisory for each trimester**. Eleventh grade students are expected to enroll in enough **classes to fill a minimum of four periods plus Advisory**; twelfth graders will enroll in a **minimum of three classes, plus Advisory**. **All Athletic and Activity participants must take and pass a minimum of four classes and Advisory**. Refer to the Eligibility Requirements Section and/or see the Athletic or Activities Director.
3. Courses are categorized as two types of credit: *required* and *elective*. Required courses are those courses a student must pass to satisfy State of Oregon and Centennial School District requirements for graduation. Elective courses are designed to build skills in areas of study that meet an individual student's needs for vocational training and college admission as well as the pursuit of personal interests.
4. **The Centennial School District does not discriminate on the basis of race, religion, color, national origin, disability, marital status, sex, or age in providing education or access to benefits of education services, activities, and programs in accordance with Title VI, Title VII, Title IX and other civil rights or discrimination issues; Section 504 of the Rehabilitation Act of 1973, as amended; and the Americans with Disabilities Act.**
5. A student who fails a required course may have the opportunity to take the course a second time at CHS if space is available.
6. College Credit is available for a variety of classes at Centennial High School, through Mount Hood Community College (MHCC) Eastern Oregon University (EOU*), and Portland State University (PSU). *The notation, "▲ College Now",* designates MHCC early college opportunities, providing the option for students to earn MHCC credit for courses taken at Centennial. Students need to contact the teacher of the course or their counselor for further information. Specific courses earned at MHCC and described in this guide are subject to change. *There is a tuition fee for courses offered at EOU.

Diploma Options:

Centennial High School awards five different graduation certificates:

1. **Oregon Standard Diploma:** 24 Credits. Successful completion of all state and local graduation requirements.
2. **Honors Diploma:** 26 Credits and a GPA of 3.5 or greater.
3. **Modified Diploma:** Consideration for a modified diploma is based on a student's documented history demonstrating an inability over time to maintain grade level achievement and/or an instructional barrier which is defined as a significant physical, cognitive, or emotional barrier that impairs the student's ability to maintain grade level achievement. Students with disabilities, or students who are English Language learners, will not automatically be referred for a modified diploma.

4. **Extended Diploma:** This document is awarded to students who have demonstrated the inability to meet the full set of academic content standards for a high school diploma with reasonable accommodations and modifications. To be eligible, a student must have a documented history of an inability to maintain grade level achievement due to significant learning and instructional barriers or have a documented history of a medical condition or have a serious illness or injury that occurs after grade eight that changes the student's ability to participate in grade level activities.
5. **Certificate of Completion:** A school district shall award an alternative certificate to a student who does not satisfy the requirements for a high school diploma, modified diploma or an extended diploma. Centennial students need to meet district attendance requirements and earn 24 credits as determined appropriate by the IEP team.

Upon enrollment, all students attending Centennial High School will work toward an Oregon Standard Diploma. Students who intend to pursue a different diploma need to contact their counselor immediately to determine the most appropriate course of study.

Credits:

Academic credit is typically earned through daily participation in classroom learning activities and satisfactory completion of required and elective course requirements.

Transcripts:

A transcript is the official record of a student's academic history in high school. The document includes attendance, grade point average, rank in class, and grades for all courses taken in high school. All colleges, most scholarship programs, and many employers require a transcript.

CHS Graduation Requirement

Preparing each student for advanced learning, career and positive citizenship

Course Planning Guide

Standard Diploma

Language Arts	4 credits (LA)
Math	3 credits (MA)
Science	3 credits (SC)
Social Studies	3 credits (SS)
Physical Ed.	1 credit (PE)
Health Ed.	1 credit (HE)
Fine Arts/Second Language/CTE	2.5 credits (FA)
Careers	0.5 credit (CA) *
Electives	6 credits

Total = 24

Honors Diploma Requires 3.5 GPA

Language Arts*	4 credits (LA)
Math	4 credits (MA)
Science	4 credits (SC)
U.S. History**	1 credit (US)
World Studies**	1 credit (GS)
Economics**	0.5 credit (EC)
U.S Gov.**	0.5 credit (GV)
Physical Ed.	1 credit (PE)
Health Ed.	1 credit (HE)
Second Lang.	2 credits (SL)
<small>(2 credits of the same language)</small>	
Technology	0.5 credit (TE)
Careers	0.5 credit (CA) *
Electives	6 credits (EL)

Total = 26

* For required Career Credit and Personalized Learning opportunities please see page 10.

** Equivalent courses may be substituted with counselor approval.

Additional Requirements

Pass State **Reading** assessment OR complete and pass two reading work-samples one of which must be:

- Informational
*Not Applicable for Graduating Classes 2022-2024

Pass State **Writing** assessment OR two writing work-samples (only 1 may be narrative):

- Expository
- Persuasive
- Narrative
*Not Applicable for Graduating Classes 2022-2024

Pass State **Math** assessment OR two different math work samples from the following:

- Algebraic Relationships
- Statistics/Probability
- Geometry
*Not Applicable for Graduating Classes 2022-2024

The following are completed in the *Technology and Careers* course, *Center for Advanced Learning* or another course listed on page 10.

- **Education Plan and Profile** – Develop an education plan and build an education profile to guide learning toward student’s personal, career and post-high school goals.
- **Career-Related Learning Standards** – Students demonstrate knowledge and skills in:
 - Personal management
 - Problem solving
 - Communication
 - Teamwork
 - Employment foundations
 - Career development
 - **Career-Related Learning Experiences** – Participate in experiences that connect classroom learning with real life experiences in the workplace, community, and/or school relevant to a student’s education plan.
 - **Extended Application** – Apply and extend knowledge and skills in new and complex situations related to the student’s personal and career interests and post-high school goals.

TRIMESTER SCHEDULE

Centennial High School's trimester schedule consists of five periods a day. One trimester is 12 weeks long. Each trimester course is 0.5 credit. Most classes are either one or two trimesters in length. Some electives and advanced classes meet throughout the entire school year and are 3 trimesters in length. In addition to five classes a day, students will also have an Advisory class (not shown below).

The following charts show sample schedules for each year of high school. They are only examples of what a student's schedule might look like.

Freshman (Grade 9) Sample Schedule:

Period	1st Trimester	2nd Trimester	3rd Trimester
1	Language Arts 9A	Marketing 1	Language Arts 9B
2	World Studies A	World Studies B	Art 1
3	PE 1	Integrated Math 1A	Integrated Math 1B
4	Health 1	Spanish 1A	Spanish 1B
5	Patterns Physics A	Patterns Physics B	Technology Apps

Sophomore (Grade 10) Sample Schedule:

Period	1st Trimester	2nd Trimester	3rd Trimester
1	Health 2	Honors Language Arts 10A	AP US History C
2	Chemistry A	Chemistry B	French 1B
3	Concert Band A	Concert Band B	Concert Band C
4	Integrated Math 2B	French 1A	Integrated Math 3A
5	AP US History A	AP US History B	Honors Language Arts 10B

Junior (Grade 11) Sample Schedule:

Period	1st Trimester	2nd Trimester	3rd Trimester
1	Fundamentals of Drama A	Fundamentals of Drama B	Fundamentals of Drama C
2	US Government	Integrated Math 3A	Integrated Math 3B
3	Junior Support A	Economics	Language Arts 11B
4	Language Arts 11A	Junior Support B	Junior Support C
5	Biology A	Biology B	Tech and Careers

Senior (Grade 12) Sample Schedule:

Period	1st Trimester	2nd Trimester	3rd Trimester
1	Senior Success A	Senior Success B	Economics
2	Accounting 1A	Accounting 1B	Criminal Justice
3	Teacher Aide	Precalculus A	Precalculus B
4	AP Psychology A	AP Psychology B	Exploratory Metals
5	Writing 121	Writing 122	Dismissal

Year Planner for the 24-credit (Oregon Standard) Centennial Diploma

Credits Needed	Diploma Category	Ninth Grade	Tenth Grade	Eleventh Grade	Twelfth grade
4	Language Arts	Language Arts 9 A/B	Language Arts 10 A/B or Honors L.A. 10 A/B or Sci-Fi Lit & Film A/B	Language Arts 11 A/B or Women's Lit A/B or A.P. Lit & Comp A/B or A.P. Lang & Comp A/B or Writing 121 & 122	Language Arts 12 A/B or Women's Lit A/B or A.P. Lit & Comp A/B or A.P. Lang & Comp A/B or Writing 121 & 122
3	Math	1A, 1B 1B, 2A 2A, 2B	2A, 2B 2B, 3A 3A, 3B	3A, 3B 3B, PCA PCA, PCB	<i>(Recommended this year)</i>
3	<u>Science</u> Three credits (6 trimesters) required. Must take Physics, Chemistry and Biology.	Patterns Physics A/B - All take this. *May also take Chemistry A/B concurrently.	Chemistry A/B or If Chem has been taken: Biology or Adv.Chem with Biology	Biology A/B or If Physics, Chemistry and Biology taken: Any other Science Class Elective	<i>(Recommended this year)</i>
3	Social Studies	World Studies A/B or A.P. Human Geography A/B	U.S. History A/B or A.P. U.S. History A/B/C	Economics and U.S. Gov or A.P. U.S. Government A/B	
3	Fine Arts/Tech/ Careers/ Second Language	Tech Apps. (.5)		Technology and Careers/Careers (1) or alt. course (see pg. 8)	
1	Physical Education (2 classes required)	PE 1 (.5) (Required)			
1	Health 1 (.5) Health 2 (.5)	<i>Health 1 (.5) (Recommended this year)</i>	<i>Health 2 (.5) (Recommended recommended this year)</i>		
6	Electives (Number of electives will vary each year based on other classes taken)				
24	Total Credits	7.5 credits max Your plan = _____	7.5 credits max Your plan = _____	7.5 credits max Your plan = _____	7.5 credits max Your plan = _____

4 Year Planner for the 26-credit Centennial Honors Diploma

Credits Needed	Diploma Category	Ninth Grade	Tenth Grade	Eleventh Grade	Twelfth grade
4	Language Arts	Language Arts 9 A/B	Language Arts 10 A/B or Honors Language Arts 10 A/B or Sci-Fi Lit & Film A/B	Language Arts 11 A/B or Women's Lit A/B or A.P. Lit & Comp A/B or A.P. Lang. & Comp A/B or Writing 121 & 122	Language Arts 12 A/B or Women's Lit A/B or A.P. Lit & Comp A/B or A.P. Lang & Comp A/B or Writing 121 & 122
4	Math – Must complete Integ. Math 3A & 3B or Consumer & Financial Math A/B				
4	Science Four Credits (8 trimesters) required. Must take Physics, Chemistry and Biology.	Patterns Physics A/B - All take this. *May also take Chemistry concurrently.	Chemistry A/B or If Chem has been taken: Biology or Adv .Chem with Biology	Biology A/B or If Physics, Chemistry and Biology taken: Choose any other Science Class	For Fourth Science Credit, Choose any other (2 trimesters or more) Science Class.
3	Social Studies				
2	Second Language Minimum two credits of the same language				
.5	Technology	Tech Apps (.5) or proficiency			
.5	Career			Tech and Careers/ Careers (1) or alt. course (pg. 10)	
1	Physical Education	PE 1 (.5)			
1	Health 1 Health 2	<i>Health 1 (0.5) (Recommended)</i>	<i>Health 2 (0.5) (Recommended)</i>		
6	Electives (number of electives will vary each year based on other classes taken)				
26	Total Credits	7.5 credits max Your plan = _____	7.5 credits max Your plan = _____	7.5 credits max Your plan = _____	7.5 credits max Your plan = _____

Career Credit *and* Personalized Learning

We encourage students to complete this grad requirement **before** Senior year when possible.

Career credit cannot be earned during the Freshman year.

For classes two or three trimesters in length, Career credit is awarded after two parts of the course have been taken (B or C).

Centennial will award Career (CA) and Personalized Learning (PL) credit one of two ways:

- Students may take the trimester-long Technology and Careers course. This is typically completed during Junior year.
- OR--
- 10th-12th Graders may take one of the courses listed below.

Note: The 0.5 Career Credit may only be earned once. In the case that additional career awarding classes are taken, further career-related opportunities may be part of the curriculum.

Accounting 1 A/B	0207AA & B	Hardin
Accounting 2 A/B	0207BA & B	Hardin
Accounting 3 A/B	0207CA & B	Hardin
Business 2 A/B	0225BA & B	Miller
Marketing 2 A/B	1802BA & B	Miller
Business and Marketing 3 A/B/C	0225CA & B & C	Miller
Business Leadership A/B	029681 & 2	Miller
Adv. Business Leadership A/B	029691 & 2	Miller
Digital Media Production	031509	McIntyre
Advanced Journalism (Talon) A/B/C	1902D1 & 2 & 3	McIntyre
Yearbook A/B/C	1902E1 & 2 & 4	McIntyre
Fundamentals of Drama A/B/C	1111B1 & 2 & 3	McCarty
Advanced Theater Arts A/B/C	1111C1 & 2 & 3	McCarty
Technical Theater-Level 2 A/B/C	1114C1 & 2 & 3	McCarty
Technical Theater Level 3 A/B/C	1114D1 & 2 & 3	McCarty
Concert Choir A/B/C	1130D1 & 2 & 3	Theilacker
Contemporary Music	1123B1	Theilacker
C Notes A/B	1131D1 & 2	Theilacker
Child Development & Theory A/B/C	2923B1 & 2 & 3	Fleck
Early Childhood Education (pre-K-3rd)	2534A1 & 2 & 3	Fleck
Elementary (1 st -6 th) Work Experience	253301 & 2 & 3	Fleck
Middle School (5 th -8 th) Work Experience	253301 & 2 & 3	Fleck
Infant and Toddler Work Exp.A/B/C	2923C1 & 2 & 3	Klotter
Speech 1 A/B	1082AA & B	Loeung
Speech 2 A/B	1082BA & B	Loeung
Speech 3 A/B	1082CA & B	Loeung
AP Art History A/B	051531 & 2	Wood
Culinary Arts and Hospitality 2 A/B	29432A & B	Schumacher
Culinary Arts and Hospitality 3 A/B	29433A & B	Schumacher
Metals 2 A/B	24122A & B	Burcham
Advanced Metals Projects A/B	24124A & B	Burcham
Metals Fabrication A/B	24123A & B	Burcham
ELD For Graduating Seniors A/B	0899V1 & 2	Woodlee
French Peer Tutor	083131	Poirier
Supplemental Career Exploration A/B/C	0832SCE1 & 2 & 3	Pollard
Student Council A/B/C	08413A & B & C	Mei
CAL Students (2-year completers) A/B/C	305111 & 2 & 3	TBA

Please Note:

* Teacher assignments and credit opportunities are subject to change without notice.

A.P. Opportunities

Advanced Placement (AP) Courses are designed to give students the experience of an intro-level college class while still in high school. Depending on the course and score earned on the AP test in the spring, students may earn college credit for the class. We encourage students to challenge themselves by taking AP courses and exams. AP classes are recognized nationwide for being rigorous and preparing students for college level work.

- A.P. Art History
- A.P. Calculus
- A.P. Computer Science A (Java)
- A.P. Computer Science Principles
- A.P. Environmental Science
- A.P. Human Geography
- A.P. Language and Composition
- A.P. Literature and Composition
- A.P. Physics
- A.P. Physics C: Mechanics
- A.P. Physics C: Electricity & Magnetism
- A.P. Psychology
- A.P. Spanish Language and Culture
- A.P. Statistics
- A.P. US Government
- A.P. US History

▲ COLLEGE NOW

College Credit/Dual Credit

Students have the opportunity to earn high school and college credit by taking specific courses.

There are multiple opportunities for college credit at Centennial High School. The following classes are projected to include a college credit opportunity. CHS staff encourages all students to academically challenge themselves in the courses outlined below. Please visit with your counselor and/or one of the principals on the many benefits of taking the advanced coursework.

College Now Opportunities Mount Hood Community College (MHCC)

Accounting 1A/1B	Advanced Metal Projects
A.P. Statistics	A.P. Calculus
A.P. US History	Cyber Security
Writing 121 & 122	Consumer and Financial Math
Metals 2A/2B	Metal Fabrication
Pre-Calculus	Speech 2A/2B
Technical Theatre Level 2	Speech 3A/3B
Technical Theatre Level 3	

Eastern Oregon University (EOU)

Early Child Practicum II*

* course credit offered with a separate fee.

General Recommendations for College-Bound Students

Colleges and universities will mostly be looking at your grades and the difficulty of the classes that you chose throughout your high school career. Please note that students who pursue the Honors Diploma will be the **most prepared** for the difficulty of college classes and will be the **most eligible** for college admission and scholarships.

The Oregon Higher Education Coordinating Commission recommends and, in some cases, requires the completion of a set of college preparatory courses in addition to the minimum high school grade point average for admission to all state universities. The course requirements are listed below. All college-bound students are strongly advised to plan a high school program that will meet the course requirements. For assistance in selecting coursework that fulfills admission requirements, students should see their high school counselor.

Note: Oregon Public Universities require a grade of C or higher in all the below required courses.

Language Arts: 4.0 credits

All 4 years in preparatory composition and literature with emphasis on frequent practice in expository writing.

MATHEMATICS: 3.0 credits minimum

Shall include Integrated 1A or above for each math course and a 3rd year of college preparatory mathematics such as Integrated 3, Pre-Calculus, A.P. Calculus and A.P. Statistics.

SCIENCE: 3.0 credits minimum

Shall typically include a year each in two fields of college preparatory sciences such as: Physics, Chemistry and Biology. One recommended as a lab science.

SOCIAL STUDIES: 3.0 credits

Specific requirements vary. Consult your counselor.

WORLD LANGUAGE:

2.0 credits (minimum) of the same language for a four-year university.

TOTAL REQUIRED CORE CREDITS: 15

Some out of state colleges and universities have different requirements, including Fine Arts and World Languages. Please see your counselor if you have plans to attend college outside of Oregon.

Admission to Oregon's Four-Year State Colleges and Universities

It is advisable to submit applications in advance of deadlines if possible. Information about admission requirements is available in the Counseling Center.

Because admission policies may vary from campus to campus, it is important to understand the requirements of each college or university before applying. Meeting the minimum qualifications for admission does not guarantee students will be admitted to their first choice college. Colleges and universities have differing GPA requirements. Many institutions require students to submit official scores of the Scholastic Assessment Test (SAT) or the American College Test (ACT).

Private Colleges and Universities

Students may want to consider private colleges and universities. These institutions have their own entrance requirements. Consult your counselor and research the requirements in the College and Career Center.

FINE ARTS

A student may take the following courses to fulfill their Fine Arts graduation requirement. This requirement may also be met by taking courses beyond the minimum credit requirements in Career, World Language, and/or Technology.

Art 1 (FA)

Open to grades 9, 10, 11, and 12

Length: 1 Trimester, 0.5 credit

- Art course for beginning students.
- Preparation for Art 2, Studio Art.
- Course emphasizes drawing in connection with color, design, composition, lettering, and Art History **1161A9**

Art 2 (FA)

Open to grades 9, 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Prerequisite: Successful completion of Art 1, or permission of instructor.

Note: May be repeated for credit by those students who earned at least a "C."

- Course is designed for students whose interests are primarily in the fine or studio arts.
- Areas of study include: design, painting, and drawing.
- Media includes watercolor, tempera, charcoal, pastel, pen, ink and collage.
- Students are introduced to various periods in art history. **1161B9**

Painting 1 (FA)

Open to grades 9, 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Prerequisite: Successful completion of Art 1

- This class is designed for the beginning painter who would like to gain the experience of color mixing and various painting techniques.
- Students will work in a variety of mediums including acrylic, watercolor, and oil.
- Students will explore various painting styles in relation to history and contemporary visual culture. **051579**

Ceramics 1 (FA)

Open to grades 9, 10, 11, and 12

Length: 1 Trimester, 0.5 credit

- This is an introductory class.
- Students will gain skills for creating with clay using both wheel-throwing and hand-building techniques.
- Students will learn and demonstrate the processes of pottery, sculpture, design and glazing ceramic forms. **1164A9**

Ceramics 2 (FA)

Open to grades 9, 10, 11, 12

Length: 1 Trimester, 0.5 credit

Prerequisite: Successful completion of Ceramics 1 or demonstrated proficiency.

Note: May be repeated for credit by those students who earned at least a "C."

- Students will learn and improve design, hand-building, throwing and glazing techniques.
- Skills in wheel-throwing is mandatory. **1164B9**

Sculpture (FA)

Open to Grades 9, 10, 11, 12

Length 1 Trimester, 0.5 Credit

Students will explore constructing three-dimensional forms using traditional and non-traditional materials such as wood, wire, Papier-mâché, cardboard, foam, recycled objects and more. We will create both representational and abstract artwork as well as study historical and cultural contexts of sculpture. Course is a hands-on, project based class. **051589**

Studio Art (FA)

Open to grades 10, 11 and 12

Length: 1 Trimester, 0.5 credit

Prerequisite: Successful completion of Art 1 and Art 2, Painting 1 and instructor approval.

Note: May be repeated for credit.

- This course is designed for students who are ready for advanced, in-depth projects.
- Students work in a wide range of forms including drawing, painting, sculpture, collage and printmaking.
- Students will learn how their own work is related to ideas in modern art.
- Students will discover what makes a work of art successful from the perspective of history, culture, theory, and criticism. **1181A9**

A.P. Art History A/B (FA)

Open to grades 11 and 12

Length: 2 Trimesters, 1.0 credit

Note: This course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements.

A.P. Art History is a college-level course that focuses on the human impulse to express ideas and emotions through art. Students examine major modes of visual art, including architecture, sculpture, painting, and drawing, from a variety of cultures, perspectives, and time periods.

- Students who successfully complete the A.P. Art History curriculum will be prepared to take the National Advanced Placement exam in the spring. With a qualifying score, students may earn 8 college credits.
- Students who have done well in classes such as history and literature, or in any of the studio arts, are especially encouraged to enroll. No previous experience in art history is required. **051531 & 051532**

Introduction to Drama A/B (FA)

Open to grades 9, 10, 11, and 12

Length: 2 Trimesters, 1.0 credit

- This course includes training in body and voice communication, mental discipline and creativity, and dramatic tradition.
- Course covers fundamentals of performance and technical theatre, as well as promotes an awareness of self and others.
- Class will explore the various aspects of life in the theatre after high school.
- Intro to Drama A will be available in Fall and Winter Intro B will be available in the Spring. **1111A1 & 1111A2**

Fundamentals of Drama A/B/C (FA)

Open to grades 10, 11, and 12

Length: 1.0 if A/B only, 1.5 credit if A/B/C

Prerequisite: Successful completion of Introduction to Drama.

Note: This course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements. This course contains expanded training in body and voice communication, with emphasis on production and performance.

- Plays will be studied from both a reader and actor's perspective.
- Some outside of class time will be required in order to complete requirements.
- **Students will be required to attend 2 competitions on Saturdays.**
- At the end of the course, students will be prepared to successfully audition for Advanced Theatre Arts. **1111B1 & 1111B2 & 1111B3**

Advanced Theatre Arts A/B/C (FA)

Open to grades 11 and 12

Length: 1.0 if A/B only, 1.5 credit if A/B/C

Prerequisite: Successful completion of Fundamentals of Drama and an audition with teacher.

Note: This course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements.

May be repeated for credit.

- This course contains expanded training in body and voice communication, theatre history, acting techniques, theatrical styles, and performance opportunities.
- Class will explore life in the theatre after high school.
- **Students will be required to attend 2 competitions on Saturdays.** **1111C1, 1111C2 & 1111C3**

Technical Theatre 1 A/B/C (FA/CTE)

Open to grades 9, 10, 11, and 12

Length: 3 Trimesters; Year, 1.5 credit

- Students will learn Technical Theatre through the construction, execution and crew staffing of the Main Stage Productions at CHS.
- Students will explore all aspects of the production process, including lighting, sound, and scenic design.
- Students should be excited and serious about working in the theatre.
- **Time outside of class and some Saturdays will be required for completion of class with a C or better.** **1114B1, 1114B2 & 1114B3**

Technical Theatre Level 2 A/B/C (FA/CTE)

Open to grades 10, 11, and 12

Length: 3 Trimesters; Year, 1.5 credit

Prerequisite: Successful completion of Technical Theatre Level 1 A, B, C

Note: This course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements.

▲ COLLEGE NOW (MHCC TA135C, TA136C)

- Students will learn Technical Theatre through the construction, execution and crew staffing of the Main Stage Productions at CHS.
- Students will explore all aspects of the production process, including lighting, sound, and scenic design.
- **Time outside of class and some Saturdays will be required for completion of class with a C or better.**
- **Students must work in a major crew position for all shows in order to receive MHCC credit.** **1114C1, 1114C2 & 1114C3**

Technical Theatre Level 3 A/B/C (FA/CTE)

Open to grades 11, and 12

Length: 3 Trimesters; 1.5 credit

Prerequisite: Successful completion of Technical Theatre Level 2 A, B, C

Note: This course can be repeated for credit. In addition, this course may be used to satisfy CAREER and

PERSONALIZED LEARNING requirements. ▲▲ COLLEGE NOW (MHCC TA235C, TA236C)

- Students will learn Technical Theatre through the construction, execution and crew staffing of the Main Stage Productions at CHS.
- Students will explore all aspects of the production process, including lighting, sound, and scenic design.
- **Time outside of class and some Saturdays will be required for completion of class with a C or better.**
- **Students must work in a major crew position for all shows in order to receive MHCC credit. 1114D1, 111D2 & 1114D3**

Concert Band A/B/C (FA)

Open to Grades 9, 10, 11, and 12

Length: 3 Trimesters, 1.5 credit

- Students will increase their understanding of music and instrumental skills through individual and group performance.
- This class focuses on the use of "traditional" concert band instruments.
- Students are asked to provide their own instrument. The school may provide large and/or specialty instruments.
- Performances include concerts, competitions, festivals, and sporting events. Must participate in evening concerts to pass.
- No Guitar offered in this course **1123A1, 1123A2 & 1123A3**

Jazz Band A/B (FA)

Open to grades 10, 11, and 12. 9th graders please reach out to the instructor for approval to join.

Length: 2 Trimesters, 1.0 credit

- Students will increase their understanding of music and instrumental skills through individual and group performance.
- This class focuses on the "Big Band" style of jazz music.
- Instrumentation may allow for the study of Combos and/or hot jazz.
- Students are asked to provide their own instrument. The school may provide large and/or specialty instruments
- Performances include concerts, competitions, and festivals. Must participate in evening concerts to pass.
- Jazz Band A will be scheduled for Fall and B will be scheduled for Winter. **1126A1 & 1126A2**

Percussion & Drum Line (FA)

Open to Grades 9, 10, 11, and 12

Length: 1 Trimester, 0.5 credit

- This class focuses on Drum Line, World Percussions and Concert Percussion.
- Students will learn proper drum techniques on a variety of instruments including: snare drum, bass drum, mallet percussion, symbols and auxiliary instruments.
- Students will learn how to read and interpret music.
- Performances include concerts and sporting events. **1127A1**

Contemporary Music (FA)

Open to Grades 9, 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Note: This course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements.

- Create your own customized music using computer software!
- Students will learn how to create music on Apple GarageBand and other various software programs.
- Learn basic Music and Theory and how to write music, including different genres of music. **1123B1**

Eagle Choir (Freshman, Mixed-Voice) A/B (FA)

Freshman and new singers, mixed voices

Prerequisite: none

Length: 2 Trimesters, 1.0 credit

- Designed for beginning and improving voices.
 - Performs at all concerts and at least one festival.
 - Correct singing, reading notation, music theory, and musical styles emphasized. Must participate in evening concerts to pass.
- Eagle Choir A will be scheduled for Winter; B will be scheduled for Spring. **1130B1 & 1130B2**

Concert Choir A/B/C (FA)

Open to grades 10, 11, and 12

(or special assignment by director)

Length: 3 Trimesters 1.5 credit

Prerequisite: One year of previous high school choir experience, audition with director, and successful demonstration of sight-reading ability.

Note: This course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements.

- Perform at all concerts and large choir festivals, including OSAA State and League events.
- Some additional evening and weekend commitments are expected.
- Choir is a performance based class. Must participate in evening concerts to pass. **1130D1 & 1130D2 & 1130D3**

C Notes Ensemble A/B (FA)

Open to grades 9, 10, 11, and 12

Prerequisite: Previous choir experience, audition with the director, and concurrent enrollment in at least one other choir ensemble.

Length: 2 Trimesters, 1.0 Credit

Note: This course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements.

- Class held before school.
- Small Advanced Ensemble.
- Contemporary A Cappella.
- Some after school, evening, and weekend commitments are expected. Performance based class. Must participate in evening concerts to pass. **1131D1 & 1131D2**

LANGUAGE ARTS

*Designates courses that qualify for four-year college preparation.

Grade 9	Grade 10	Grade 11	Grade 12
Language Arts 9 A/B	Languages Arts 10 A/B Honors L.A. 10 A/B Sci-Fi Lit & Film A/B	Language Arts 11 A/B Women's Lit & Gender Studies A/B AP Lit & Comp A/B** AP Lang & Comp A/B** Writing 121 & 122** Podcasting (Replaces LA 12B)	Language Arts 12 A/B Women's Lit & Gender Studies A/B AP Lit & Comp A/B** AP Lang & Comp A/B** Writing 121 & 122 ** Podcasting (Replaces LA 12B)

** Denotes courses in which students can earn college credit

Language Arts 9A/9B (Formerly English 1-2) * (LA)

Required grade 9

Length: 2 Trimesters, 1.0 credit

- Year long class emphasizes reading, writing, listening, and speaking skills.
- Language Arts 9A will focus on reading literary text and narrative and expository writing.
- Language Arts 9B will focus on reading information text and expository and argumentative writing.
- Language Arts 9A and 9B must be successfully completed for graduation.
- Honors credit available by demonstrating honors-level skills throughout the year. **10014A & 10014B**

Language Arts 10A/10B (Formerly English 3-4) * (LA)

Required grade 10

Length: 2 Trimesters 1.0 credit

- Year long program focuses on a thematic study of literature and the development of reading, writing, speaking, spelling, critical thinking, and vocabulary skills.
- Language Arts 10A will focus on reading literary text and narrative and expository writing.
- Language Arts 10B will focus on reading informational text and expository and argumentative writing. Language Arts 10A and 10B must be successfully completed for graduation. **10024A & 10024B**

Honors Language Arts 10A/10B (Formerly Honors English 3-4) * (LA)

Open to grade 10. Replaces required Language Arts 10A/10B

Length: 2 Trimesters, 1.0 credit

Prerequisite: Must have completed Language Arts 9A/9B (Formerly English 1-2) with grades of C or better or teacher recommendation.

- This class focuses on critical reading of literary text, including classic novels, plays and short stories, and expository and argumentative writing, grammar and conventions.
- Honors Language Arts 10A will focus on reading literary text and narrative and expository writing.
- Honors Language Arts 10B will focus on reading informational text and expository and argumentative writing.
- Students will work toward meeting/exceeding the state reading and writing benchmarks.
- Language Arts 10A/10B and meeting state standards in reading and writing are required for graduation. **10025A & 10025B**

Science Fiction Literature and Film A/B * (LA)

Open to grade 10. Replaces required Language Arts 10A/10B

Length: 2 Trimesters, 1.0 credit

- This class will give students the opportunity to examine specific elements of science fiction literature and film and their intended effect on the reader and the world.
- Sci-Fi Lit and film A will explore the hero's journey in depth, grapple with the lessons of dystopia, and interpret the positive moments from the future into hope for today.
- Sci-Fi Lit and Film B will ask students to take these structures and examine some challenging ideas from the present day through a sci-fi lens and interpret their conclusions. **100261 & 100262**

Language Arts 11A/11B (Formerly English 5-6) * (LA)

Required grade 11

Length: 2 Trimesters, 1.0 credit

- Language Arts 11A will focus on reading literary text and narrative and expository writing.
- Language Arts 11B will focus on reading informational text and expository and argumentative writing.
- Emphasis on reading, writing, vocabulary, and spelling included in both trimesters..
- Students will work toward meeting/exceeding the state reading and writing benchmarks
- Language Arts 11A and 11B must be successfully completed for graduation. **10034A & 10034B**

Language Arts 12A/12B (Formerly English 7-8) * (LA)

Required grade 12

Length: 2 Trimesters, 1.0 credit

- Each trimester students write several in-class essays, compose longer papers outside of class, and read a number of different authors.
- Language Arts 12A will focus on reading literary text and narrative and expository writing.
- Language Arts 12B will focus on reading informational text and expository and argumentative writing.
- Students focus on stylistic devices used by different authors and analyze these devices for tone and theme.
- Students will apply this understanding for stylistic devices to their own writing.
- Language Arts 12A and 12B must be successfully completed for graduation. **10044A & 10044B**

Women's Literature & Gender Studies A/B * (LA)

Open to grades 11 and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: Must have completed English 1-2 (LA 9A/9B) and English 3-4 (LA 10A/10B).

- This class focuses on counter-narrative and the cultural construction of gender as it intersects with race, class, ethnicity, and sexuality.
- Students will explore the voices and stories of women and the LGBTQ community, not just as victims of oppression but also as agents of resistance and change.
- This course can be taken for Junior or Senior Language Arts credit. Senior students will be expected to complete additional contract assignments for Language Arts 12A/12B credit. **100541 & 100542**

Podcasting: Giving Voice to Text (LA)

Open to Grades 11, 12

Length: 1 trimester, 0.5 credits, Replaces Language Arts 12B

Prerequisite: English 1-4 or LA 9-10

By listening to podcasts and reading associated transcripts, students will analyze and evaluate the different formatting styles, elements, and stylistic techniques that make a quality podcast. Students will learn to write explanatory and argumentative essays and create their own podcast. **100449**

	AP Literature and Composition	AP Language and Composition	Writing 121 & 122 (Formerly College English)
Who can take it	Juniors and Seniors	Juniors and Seniors	Juniors and Seniors
Reading Involved	Fiction: prose, poetry, drama from several historic periods from a variety of cultures and viewpoints	Non-fiction: articles, scholarly journals, books	Non-fiction: articles, scholarly journals, books
Writing Involved	Literary argument and analysis	Rhetorical analysis	3 or 4 essays per trimester focusing on argument, rhetoric, and research (10 pages)
Most like what college course?	College literature course	College writing course	College writing course
Credits earned at OSU, UofO, PSU	100 Level English credit	Writing 121	Writing 121, 122
How college credit is earned	Receive a score of 3 or better on the AP exam.***	Receive a score of 3 or better on the AP exam.***	Earn a grade of C or better in class.****

***There is a cost for the exam

****There is a cost for the college credit

A.P. Language and Composition A/B * (LA)

Open to grades 11 and 12

Length: 2 Trimesters, 1.0 credit, Replaces Language Arts 11A/11B or Language Arts 12A/12B

Prerequisite: Successful completion of English 3-4 (Language Arts 10A/10B) or Honors English 3-4 (Language Arts 10A/10B) with a grade of C or higher or teacher recommendation.

A.P. Language and Composition's focus is on how language works in a text.

- Students will explore the intensity and value of language; learn and support how positions are developed in arguments; defend, challenge, and qualify positions in structured arguments and work closely with rhetorical strategies employed in texts.
- Students will read lots of nonfiction and study current texts in order to delve deeply into the craft of writing.

Students may earn college credit by taking and passing the A.P. exam.

***A summer reading assignment may be due the first day of class; please inquire with your Language Arts teacher or the Counseling office. 101251 & 101252**

A.P. Literature and Composition A/B * (LA)

Open to grade 11 and 12

Length: 2 Trimesters 1.0 credit, Replaces Language Arts 12A/12B

Prerequisite: Successful completion of English 3-4 (Language Arts 10A/10B) or Honors English 3-4 (Honors Language Arts 10A/10B) with a grade of C or higher or teacher recommendation.

- A.P. Literature and Composition is a college-level course that focuses on the study of literature and the development of written responses.
- Students who successfully complete the A.P. Lit and Comp curriculum will be prepared to take the National Advanced Placement exam in Literature and Composition in May. With a qualifying score on the Advanced Placement exam, students may earn college credit.
- A.P. students will develop a broad base of experience with literature to refine their collegiate writing and become familiar with and prepared for the Advanced Placement exam.
- The academic expectations for this course are high. Students should expect to spend an average of ten hours per week outside class to complete the assigned readings and written responses.

Students may earn college credit by taking and passing the A.P. exam.

***A summer reading assignment may be due the first day of class; please inquire with your Language Arts teacher or the Counseling office. For summer reading assignments, please inquire with your Language Arts teacher or your counselor. 101351 & 101352**

Writing 121 & Writing 122 (Formerly College English) * (LA)

▲ COLLEGE NOW (MHCC WR121 and 122)

Open to grade 11 and 12. Replaces required Language Arts 12A/12B

Length: 2 Trimesters, 1.0 credit

Prerequisite: Successful completion of English 5-6 or Language Arts 11A/11B, or A.P. Lang and Comp or A.P. Lit or Comp, or Women's Lit with a grade of C or higher or teacher recommendation.

This course presents the complete curriculum taught at MHCC in the sequence WR 121 and WR 122.

- Writing 121: English Composition and Writing.
- Writing 122: Critical Thinking.
- Students who successfully complete this yearlong class will satisfy graduation requirements for Language Arts 11A/11B or Language Arts 12A/12B at CHS.
- Students who receive a C or higher and register for College Now are eligible for 8 MHCC credits.
- Students are expected to be self-directed in their learning and studying, and to read and write at both a level and pace consistent with introductory work at the college level. **100853 & 100854**

Creative Writing (elective credit)

Open to grades 9, 10, 11 and 12

Length: 1 Trimester, 0.5 credit

Note: Additional trimesters of this course may be taken for elective credit only.

- Creative writing is designed to encourage creative expression through poetry, short stories, and creative non-fiction.
- Various styles of writing are examined and discussed.
- Students are expected to use revision to improve their work and to present their best pieces. **1021A9**

Beginning Journalism (FA)

Open to grades 9, 10, 11, and 12

Length: 1 Trimester, 0.5 credit

- Beginning Journalism is a course designed to teach all major aspects of journalistic writing and reporting through practical applications.
- In addition to writing and reporting, this class will also cover a basic history of print media, ethics, law, advertising and design.
- Students will become intelligent and diligent consumers of the news and the mass media, be aware of the world around them – both socially and politically, improve basic writing skills, interview effectively, and be able to write a focused, organized and solid news story, feature story, opinion piece, movie/music/book review, sports story. **1902A8**

*This class is a prerequisite to joining Centennial's student newspaper, *The Talon*.

Advanced Journalism A/B/C (FA)

Open to grades 10, 11, and 12

Length: 1, 2 or 3 Trimesters, 0.5-1.5 credit

Prerequisites: Class admission is by application. Beginning Journalism and/or Graphic Design are not required, but are encouraged.

Note: May be repeated for credit. This course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements.

This class is responsible for producing Centennial's student-run newspaper *The Talon*.

- Students will gain practical experience in writing, editing, photography, ad sales, design, and desktop publishing as they produce the paper.
- Talon staff members gain an understanding of the collaborative nature of a newspaper; *The Talon* is produced on a monthly basis online and requires diligence, professionalism, and passion from its staff. **1902D1, 1902D2, 1902D3**

Yearbook A/B/C (FA)

Open to grades 10, 11, and 12

Length: 1, 2 or 3 Trimesters, 0.5-1.5 credit

Prerequisite: Class admission is by application. Beginning Journalism and/or Graphic Design are not required but are encouraged.

Note: May be repeated for credit. This course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements.

Students will learn the basic production techniques of layout, photo cropping, copywriting, and interviewing. This class produces the *Centhiscan*, the CHS yearbook. **1902E1, 1902E2, 1902E4**

Academic Literacy A/B (elective credit)

Required course for students who need instruction and practice in literacy. Placement is determined by test scores, grades, and teacher recommendation.

Length: 1-2 Trimesters, 0.5-1.0 credit

- This class to be taken concurrently with the student's current English class.
- Primary focus of the class is building strategies for academic literacy.
- Class provides an opportunity for students to build and practice strategies necessary for successful performance on required state tests and in academic courses. **100911 & 100912**

Speech 1A/1B (FA)

Open to grades 9, 10, 11, and 12

Length: 2 Trimesters, 1.0 credit

Note: This course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements. See teacher for details. Instructor approval needed.

Students will have the opportunity to:

- Develop oral communication skills
- Develop research skills to support their speech
- Try various speeches ranging from impromptu, persuasive and informative to debate, interpretations and radio
- Potentially earn college credit if they compete and place in speech competitions (see instructor for more details).

1082AA & 1082AB

Speech 2A/2B (FA)

Open to grades 10, 11, and 12

▲ **COLLEGE NOW** (MHCC COMM 221A)

Length: 2 Trimesters, 1.0 credit

*Prerequisite: Successful completion of Speech 1A/1B (1-2) and audition for Speech 2A/2B (3-4). *Dual Credit is open to students in grades 11 and 12 and dependent on proficiency.*

Note: This course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements. See Teacher for details. Instructor approval needed.

Students in speech 2A/2B will focus on:

- Refining one to three pieces for [speech competition](#).
- Help facilitate discussion and give examples of their speech specialties with speech 1A/1B (1-2) students.
- Potentially earn college credit as juniors if they compete and place in speech competitions. **1082BA & 1082BB**

Speech 3A/3B (FA)

Open to grades 11 and 12

▲ **COLLEGE NOW** (MHCC COMM 221A)

Length: 2 Trimesters, 1.0 credit

*Prerequisite: Successful completion of Speech 2A/2B (3-4) and students must audition for Speech 3A/3B (5-6). *Dual Credit dependent on proficiency.*

Note: This course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements. See Teacher for details. Instructor approval needed.

Students in Speech 3A/3B will focus on:

- Refining their top two competition pieces for [speech competitions](#) and state
- Attending at least half of the speech competitions, both as a large team and individually
- Polishing their speaking skills by competing with Mt. Hood Community College Team as well as the Centennial High School team
- Potentially earn college credit as juniors if they compete and place in speech competitions **1082CA & 1082CB**

ENGLISH LANGUAGE DEVELOPMENT (ELD)

ELD Beginner Everyday English A/B (elective credit)

Grades 9, 10, 11, and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: Placement test and ELD teacher recommendation.

- This course is for ELD students at the beginning level.
- The focus of the course will be to begin developing proficiency in English grammar and vocabulary used on a daily basis.

0899C1 & 0899C2

ELD Beginner Literature and Culture A/B (elective credit)

Grades 9, 10, 11, and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: Placement test and ELD teacher recommendation.

- This course is for ELD students at the beginning level.
- The focus of the course will be to begin developing proficiency in English grammar, vocabulary, reading, and writing through a curriculum that uses adapted American literature texts that are relevant to American and Western culture. **0899D1 & 0899D2**

ELD Beginner Science and Technology A/B (elective credit)

Grades 9, 10, 11, and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: Placement test and ELD teacher recommendations

- This course is for ELD students at the beginning level.

- The focus of the course will be to begin developing proficiency in English grammar, vocabulary, reading, and writing through a curriculum that utilizes science, health, and math texts. Also, students will become familiar with how to use a computer and Microsoft Office (Word and PowerPoint). **0899E1 & 0899E2**

ELD Beginner Social Studies A/B (elective credit)

Grades 9, 10, 11, and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: Placement test and ELD teacher recommendation.

- This course is for ELD students at the beginning level.
- The focus of the course will be to begin developing proficiency in English grammar, vocabulary, reading, and writing through a curriculum that emphasizes Social Systems. Students will also work with Social Studies texts and learn skills that will help with future Social Studies classes. **0899H1 & 0899H2**

ELD Early Intermediate A/B (elective credit)

Open to grades 9, 10, 11, and 12.

Length: 2 Trimesters, 1.0 credit

Prerequisite: Placement test and ELD teacher recommendation.

Note: May be repeated once for credit.

- This class is for the ELD students who are at the early intermediate level and need additional ELD instruction in order to be successful.
- Students will build on speaking skills needed for various modes of communication. **0899K1 & 0899K2**

ELD Intermediate A/B (elective credit)

Open to grades 9, 10, 11, and 12.

Length: 2 Trimesters, 1.0 credit

Prerequisite: Placement test and ELD teacher recommendation.

Note: May be repeated once for credit.

- This class is for the ELD students who are at the intermediate level, and need additional ELD instruction in order to be successful.
- Students will build on skills needed for various modes of communication, and academic language skills. **0899L1 & 0899L2**

ELD Early Advanced A/B (elective credit)

Open to grades 9, 10, 11, and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: Placement test and ELD teacher recommendation.

- This class is for ELD students who are at the early advanced level but still need additional instruction in order to be successful.
- Students will build on skills needed for various modes of communication. Instruction will be specially designed to ensure student success and academic language skills. **0899S1 & 0899S2**

ELD Advanced A/B (elective credit)

Open to grades 9, 10, 11, and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: Placement test and ELD teacher recommendation.

- This class is for ELD students who have not passed the ELPA and have passed the Early Advanced ELD class or have been determined to be at the advanced level based on testing results.
- The curriculum will focus on the nuances of the English language.
- Students will work on mastering varied and complex modes of communication. Instruction will be specifically designed and rigorous to ensure student success while preparing them for the ELPA test and post-secondary experiences. **0899M1 & 0899M2**

ELD for Graduating Seniors A/B (elective credit)

Grade 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: Seniors on track to complete 12th grade, who are also enrolled in Language Arts 12A/12B.

- This course is for ELD and former ELD students to ensure students learn the advanced structures of the Language Arts scope and sequence within the context of college and career readiness.
- Students will work on mastering varied and complex modes, tenses, structures, idiomatic language, and vocabulary specific to college and career readiness.
- Addresses the graduation requirements set forth by the State of Oregon: the completion of courses, state assessments, and work samples.
- In Addition, students will earn their CTE credit and personalized learning assessment. **0899V1 & 0899V2**

ELD Skills A/B (elective credit)

Required course for students who need instruction and practice in reading. Placement is determined by test scores (ELPA), grades, and teacher recommendation.

Length: 2 Trimesters, 1.0 credit

- This class is for ELD students between the beginner and intermediate levels.
- This class is to be taken concurrently with the student's current Language Arts Development class.
- Primary focus of the class is building strategies for academic reading, organization, and test taking skills.
- Class provides an opportunity for students to build and practice reading strategies necessary for successful performance on the required state reading tests and in academic courses.
- Class activities include focused instruction on strategies for reading academic texts (literary and informative) and independent reading of student chosen texts. **089941 & 089942**

Freshman Success for ELs A/B (elective credit)

Open to grade 9 by CMS/CHS teacher placement

Length: 2 Trimesters, 1 credit

Prerequisite: Placement test and ELD teacher recommendation.

- This class is for Freshman ELD students with an Limited English Proficiency start date between 8-10 years.
- Instruction will be specifically designed and rigorous to ensure student success while preparing them for the ELPA test and post-ELD experiences.
- This course will build skills to help students succeed in their freshman year. Throughout the trimester students will be working on organization, time management, goal setting, test taking, and personal responsibility skills.
- Students will have a chance to move out of ELD, either at trimester or the end of the year, provided that they have completed the necessary portfolio requirements and parents/guardians have been informed and agree **0811FA & 0811FB**

* SIOP courses are courses with smaller class size for students who have been in the US for less than 4 years.

Language Arts 9 SIOP A/B (Formerly English 1-2 SIOP) * (LA)

Length: 2 Trimesters, 1.0 credit

- Year long class emphasizes reading, writing, listening, and speaking skills.
- Students will develop vocabulary and spelling skills.
- Each trimester of Language Arts 9A/9B must be successfully completed for graduation. **1001AA & 1001AB**

Language Arts 10 SIOP A/B (Formerly English 3-4 SIOP) * (LA)

Length: 2 Trimesters, 1.0 credit

- Year long program focuses on a thematic study of literature and the development of reading, writing, speaking, spelling, critical thinking, and vocabulary skills.
- Each trimester of Language Arts 10A/10B must be successfully completed for graduation. **1002AA & 1002AB**

Language Arts 11 SIOP A/B (Formerly English 5-6 SIOP)* (LA)

Length: 2 Trimesters, 1.0 credit

- Language Arts 11A presents a chronological survey of American literature.
- Language Arts 11B includes a genre study of American literature.
- Emphasis on writing, vocabulary, and spelling included in both trimesters.
- Students will work toward meeting/exceeding the state reading and writing benchmarks
- Each trimester of Language Arts 11A/11B must be successfully completed for graduation. **1003AA & 1003AB**

World Studies SIOPA/B (GS/SS)

Length: 2 Trimesters, 1.0 credit

- This course is designed to study regions of the world. The course will cover the following topics of world regions: geography, culture, 20th Century modern world history, and current world issues. While studying these topics students will continue to develop their English language skills through reading, speaking, and writing opportunities. **2714A1 & 2714A2**

Patterns Physics SIOP A/B (sc)

Length: 2 Trimesters, 1.0 credit

- This course focuses on scientific inquiry, engineering, and critical thinking.
- Students will use patterns to better understand motion, force, energy, waves, and power.
- This course will develop skills in math, problem solving, communication and English language use. **1741A1 & 1741A2**

HEALTH EDUCATION

Health education teaches essential information and skills to help students be successful in and outside of school. **1.0 credit of health is required for graduation.** Health 1 (.5 credit) and Health 2 (.5 credit) are the courses required to meet the graduation requirement. Students will learn about important health enhancing topics, how to access health information and resources, analyze influences in their lives, improve their interpersonal communication skills, goal setting, healthy decision making, and will advocate for personal and community health.

Health 1 (HE)

Typically taken grade 9

Length: 1 Trimester, 0.5 credit

- Instruction will focus on the development of skills and knowledge that will enable students to make positive decisions toward a healthy lifestyle.
- Curriculum content includes: nutrition, substance abuse and addiction, human sexuality, reproductive systems, relationships, family planning, communicable diseases, sexually transmitted infections, mental health, stress and suicide prevention.
- Students will have an opportunity to give a formative speech on a health topic. **140149**

Health 2 (HE)

Typically taken grade 10 or 11

Length: 1 Trimester, 0.5 credit

Optional fee for American Red Cross First Aid/CPR Certification

- Instruction will focus on the development of skills and knowledge that will enable students to make positive decisions toward a healthy lifestyle.
- The curriculum content includes: Self-esteem, violence prevention, HIV/AIDS, healthy sexuality (adaptations from Multnomah County Health Department), cancer, first aid and CPR (optional fee for 2 year certification).
- Students will participate in a group debate about a health topic of their choice. **1401B9**

PHYSICAL EDUCATION

The physical education curriculum is an integral part of the total education program, emphasizing the importance of physical, social, and mental well-being. Diverse activities are offered to provide students with multiple opportunities and course choices to develop these skills. Each student will understand the components necessary in maintaining lifelong health and fitness. PE 1 is the foundational course. In this course, students will be introduced to all our department course offerings within units of instruction. Successful completion of PE 1 (.5 credit) will allow students to register for the next course of their choice for an entire trimester (.5 credit). 1.0 credit of physical education is required for graduation. Elective credit(s) are earned when future PE courses are repeated once they have fulfilled the minimum requirement of 1.0 PE credit.

PE 1 (PE)

Required grade 9

Length: 1 Trimester, 0.5 credit

- PE 1 is a foundational course required for all 9th grade students. **Successful completion of this course is required in order to progress to other PE department course offerings.**
- PE 1 is a course to help students develop the importance of daily exercise through a variety of activities promoting fitness while also learning concepts, vocabulary, and components of fitness.
- Students will be introduced to a variety of lifetime activities such as jogging, team sports such as volleyball, basketball, badminton, touch football, soccer, kickball, floor hockey, Frisbee games, tennis, strength training and spinning.
- Students will be required to complete a swimming unit as part of this course.
- Fitness will be assessed during the trimester through a program called FitnessGram. The Pacer Test is utilized to measure a student's individual cardiovascular fitness level. **2301A9**

Recreational Activities (PE)

Open to grades 10, 11, and 12 and 9th grade, Trimester 2 or 3, once prerequisite has been met.

Length: 1 Trimester, 0.5 credit

Prerequisite: Successful completion of PE 1.

Note: May be repeated for credit.

- If you like team sports and traditional PE activities, this is the class for you.
- Activities include: basketball, tennis, badminton, volleyball, indoor/outdoor soccer, ultimate Frisbee, Frisbee golf, touch football, capture the flag, floor hockey, kingpin, and other team and individual activities.
- The Pacer Test is utilized to measure a student's cardiovascular fitness level. **231379**

Strength and Conditioning (PE)

Open to grades 10, 11, 12 and 9th grade Trimester 2 or 3, once prerequisite has been met.

Length: 1 Trimester, 0.5

Prerequisite: Successful completion of PE 1

Note: May be repeated for credit

- This class is geared towards athlete development through the lens of a structured strength and conditioning program. This course is designed to specifically develop muscular strength, athleticism and functional dynamic movements to improve athletic goals. Preventing and reducing injuries is also a benefit of taking this course.
- Students will learn and demonstrate a variety of lifts through free weight movements while learning/refining proper lifting and spotting techniques.
- Typically students will have 4 days a week in the weight room with 1 day a week in the gym working on agility, flexibility, plyometric, core strength, and lifting technique. **2322A9**

Strength and Conditioning Period 0 (PE)

Open to grades 10, 11, 12 and 9th grade once prerequisite has been met, or with instructor approval.

Length: 1 Trimester, 0.5

Prerequisite: Successful completion of PE 1

Note: May be repeated for credit

THIS CLASS MEETS OUTSIDE OF THE REGULAR SCHOOL DAY (7:00 AM-8:01AM) AND STUDENT MUST PROVIDE THEIR OWN TRANSPORTATION

- This class is geared towards athlete development through the lens of a structured strength and conditioning program. This course is designed to specifically develop muscular strength, athleticism and functional dynamic movements to improve athletic goals. Preventing and reducing injuries is also a benefit of taking this course.
- Students will learn and demonstrate a variety of lifts through free weight movements while learning/refining proper lifting and spotting techniques.
- Students will learn and demonstrate a variety of speed and agility drills to help improve their speed, agility, and quickness.
- The class meets Monday, Tuesday, Thursday, and Fridays in the weight room. **2322B9**

Pilates/Yoga (PE)

Open to grades 10, 11, 12 and 9th grade Trimester 2 or 3, once prerequisite has been met.

Length: 1 Trimester, 0.5 credit

Prerequisite: Successful completion of PE 1

Note: May be repeated for credit

Fee: Students may purchase a Yoga mat through their instructor or provide their own.

- Pilates/Yoga is for students interested in improving their core strength, posture and flexibility. Students will also learn some strategies for reducing stress.
- Each student will have the opportunity to learn the correct technique for each Yoga pose and Pilates exercise.
- Students will develop and present a personal Yoga or Pilates routine to share with classmates. **231409**

Lifeguard Training (PE)

Instructor Signature Required

Open to grades 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Prerequisite: Successful completion of PE 1. Instructor permission and completion of swimming skills test prior to registration. Lifeguard Training class will consist of swimming and improving technique, as well as aquatic games.

Fee: Fee for Red Cross Lifeguard Certification (must be 15 years old for certification)

Note: May be repeated for credit

- The class includes training as an American Red Cross Lifeguard, which includes certifications in Lifeguard Training, First-Aid, and CPR for the professional Rescuer.
- Students who successfully complete the Lifeguard Training portion of this class are eligible to work as American Red Cross lifeguards. **231189**

Aquatics (PE)

Open to grades 10, 11, 12, and 9th grade Trimester 2 or 3, once prerequisite has been met.

Length: 1 Trimester, 0.5 credit

Prerequisite: Successful completion of PE 1.

Note: May be repeated for credit

- If you like to swim, this is the class for you. This course will focus on a variety of aquatic activities including swim conditioning and fitness.
- Students practice freestyle (crawl stroke), backstroke, breaststroke, and elementary backstroke.
- Other aquatic activities include games and water safety instruction. **232307**

Swim Instruction (PE)

Instructors Signature Required

Open to grades 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Prerequisite: Successful completion of PE 1 and Instructor permission/signature

Note: May be repeated for credit

- This class is for students who wish to learn how to teach swimming.
- After being instructed on the process of teaching children how to swim, students will assist with the grade school swim program.
- Since students will be working with grade school children, it is important that they exhibit maturity and a strong desire to teach swimming. **232317**

WORLD LANGUAGES

The world language requirements are as follows:

- For entrance into the Oregon University System a student **must earn a minimum of 2 high school credits in the same language**. Many private colleges and those outside the state have higher requirements. College bound students should check with their counselor or the college of interest for specific world language requirements.
- A student who is fluent in a language other than English may demonstrate and earn credit without taking a CHS class. See your counselor with questions.
- Heritage Spanish speakers need to take a placement test before enrolling in a Spanish course. Please see a Spanish teacher or your counselor.

American Sign Language (ASL) 1A/1B (Formerly ASL 1-2) (SL/FA/Elective credit)

Open to grades 9, 10, 11, and 12

Length: 2 Trimesters, 1.0 credit

ASL 1A-1B will provide an introduction to the study of American Sign Language.

- This will include basic grammar, vocabulary, fingerspelling, and numbers
- An introduction to Deaf people, Deaf culture, Deaf community, and the history of Deaf people in America will also be covered.
- Students will participate in a variety of activities including reading and writing, group work activities, presentations, and practice signing in and out of class.
- A fair amount of instruction will be presented using ASL and students will be expected to sign and not use their voice during class. **1207AA & 1207AB**

American Sign Language (ASL) 2A/2B (Formerly ASL 3-4) (SL/FA/Elective credit)

Open to grades 10, 11, and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: Successful completion of the first year course of the same language, or equivalent competency.

- Students will learn intermediate/advanced grammar, vocabulary, numbers, and advanced fingerspelling.
- Students will expand on the topics learned in the first year will be introduced to new topics
- A deeper look into Deaf people, Deaf culture, Deaf community, and history will be explored and presented.
- Instruction will be presented in ASL and students will be expected to sign and not use their voice during class. **1207BA & 1207BB**

French 1A/1B (Formerly French 1-2) (SL/FA/Elective credit)

Open to grades 9, 10, 11, 12

Length: 2 trimesters, 1.0 credit

Prerequisite: Successful completion of the prior course (grade of C or better recommended), or equivalent competency.

In this introductory course students will develop basic communication skills in speaking, listening, reading, and writing in the target language.

Classroom instruction emphasizes oral proficiency.

Students will participate in a variety of activities and projects in learning to communicate in the world language.

Cultural topics to include francophones in France, North America, Europe, North Africa, Sub-Saharan Africa, Caribbean, French Polynesia, and South America **1205AA & 1205AB**

French 2A/2B (Formerly French 3-4) (SL/FA/Elective credit)

Open to grades 9, 10, 11, 12

Length: 2 trimesters, 1.0 credit

Prerequisite: Successful completion of the prior course (grade of C or better recommended), or equivalent competency.

- Students will expand on the topics and functions learned in the first year and will be introduced to new topics.
- Students will comprehend and use simple memorized sentences and questions on a limited range of topics.
- Communication in the classroom will often be in the target language.

- Students will compare basic similarities and differences between first and world language cultures.
- Cultural topics to include: Martinique, Guadeloupe, New Brunswick, North Africa, Sub-Saharan Africa, Paris, dwellings, music, and regional culinary specialties. **1205BA & 1205BB**

French 3A/3B (Formerly French 5-6) (SL/FA/Elective credit)

Open to grades 9, 10, 11, 12

Length: 2 trimesters, 1.0 credit

Prerequisite: Successful completion of the prior course (grade of C or better recommended), or equivalent competency.

This course develops greater proficiency in the areas of speaking, reading, writing, and listening in the target language.

- Students will comprehend familiar ideas and details in statements and questions on everyday topics.
- Students will use sentences and questions to express ideas and details on a range of topics in both formal and informal language. The students will compose short paragraphs, messages, notes and paragraphs.
- Communication and instruction will be in the target language.
- Comparing and contrasting common social conventions, courtesies, and cues will further develop cultural understanding.
- Cultural topics to include: Rwanda, Quebec, Montreal, Castles, Departments and regions in France, Switzerland, and Luxemburg. **1205CA & 1205CB**

French 4A/4B (Formerly French 7- 8) (SL/FA/Elective credit)

Open to grades 9, 10, 11, and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: Successful completion of French 3B (grade of C or better recommended), or equivalent competency.

This course completes the introductory sequence to the French language and French speaking cultures, helping students to solidify their basic communication skills in French, in preparation for further study or travel to French-speaking countries.

Communication and instruction will be in the target language.

- Students will comprehend familiar ideas and details in statements and questions on everyday topics.
- Students will use sentences and questions to express ideas and details on a range of topics. Short messages, notes and paragraphs will be composed by the student.
- Comparing and contrasting common social conventions, courtesies and cues will further develop cultural understanding.
- Cultural topics to include: Cameroon, Ivory Coast, Senegal, African Immigrants in France, Morocco, Algeria, Tunisia, North African Music, and French Regions. **1205DA & 1205DB**

Spanish 1A/1B (Formerly Spanish 1-2) (SL/FA/Elective credit)

Open to grades 9, 10, 11, and 12

Length: 2 Trimesters, 1.0 credit

• In this introductory course students will develop basic communication skills in speaking, listening, reading, and writing in the target language.

- Classroom instruction emphasizes oral proficiency.
- Students will participate in a variety of activities and projects in learning to communicate in the world language.
- Students will also become familiar with the geography and cultural aspects of the countries where the language is spoken. **1201AA & 1201AB**

Spanish 2A/2B (Formerly Spanish 3-4) (SL/FA/Elective credit)

Open to grades 9, 10, 11, and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: Successful completion of the Spanish 1A/1B (grade of C or better recommended), or equivalent competency.

- Students will expand on the topics and grammatical functions learned in the first year and will be introduced to new topics.
- Students will comprehend and use simple memorized sentences and questions on a limited range of topics.
- Communication in the classroom will often be in the target language. Students will compare basic similarities and differences between first and world language cultures. **1201BA & 1201BB**

Spanish 3A/3B (Formerly Spanish 5-6) (SL/FA/Elective credit)

Open to grades 9, 10, 11, and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: Successful completion of the Spanish 2A/2B (grade of C or better recommended), or equivalent competency.

This course develops greater proficiency in the areas of speaking, reading, writing, and listening in the target language. This course will also include topics on the target language's culture, geography, history, art and literature.

- Students will comprehend familiar ideas and details in statements and questions on everyday topics.
- Students will use sentences and questions to express ideas and details on a range of topics in both formal and informal language. The students will compose short paragraphs, messages, notes and paragraphs.
- Communication and instruction will be in the target language.
- Comparing and contrasting common social conventions, courtesies and cues will further develop cultural understanding.

1201CA & 1201CB

Spanish for Heritage Speakers 1 A/B/C (SL/FA/Elective credit) (Formerly Native Speakers 1-2)

Open to grades 9, 10, 11, and 12

Length: 3 Trimesters, 1.5 credit

Prerequisite: Placement test, novice high to intermediate low proficiency level, or teacher recommendation.

The course allows students who are already Spanish speakers to reactivate the Spanish they know and develop it further, to learn more about their language and cultural heritage, to acquire Spanish literacy skills, to develop Spanish academic language skills, to enhance career opportunities, or to fulfill a world language high school requirement. This course is designed to develop and challenge students' ability in speaking, reading, writing, listening, and culture development in Spanish. This course offers Spanish-speaking students an opportunity to study Spanish formally in an academic setting even if they have not had a previous Spanish class. **1272AA & 1272AB & 1272AC**

Spanish for Heritage Speakers 2 A/B/C (SL/FA/Elective credit) (Formerly Native Speakers 3-4)

Open to grades 9, 10, 11, and 12

Length: 3 Trimesters, 1.5 credit

PSU Credit available for Heritage Spanish 201, 202, 203

Prerequisite: Spanish for Heritage Speakers 1C or Spanish for Native Speakers 2 or Placement test.

Designed for heritage Speakers to master formal/ professional Spanish and deepen awareness of national and international Hispanic/Latino cultures. This course explores a wide variety of cultural products, practices, and perspectives in the Spanish-speaking world. Through the use and study of authentic resources in Spanish and level-based novels, students will increase their proficiency level in the three modes of communication: interpersonal, interpretive, and presentational, and learn about various issues in the Spanish speaking world. **1272BA & 1272BB & 1272BC**

A.P. Spanish Language A/B/C (SL/FA/Elective credit)

Open to grades 9, 10, 11, and 12

Length: 3 Trimesters, 1.5 credit

Prerequisite: Successful completion of Spanish 3B or Placement test

- This course is for students who wish to continue to develop proficiency in listening, reading, speaking and writing Spanish.
- It will prepare you to take the A.P. exam in Spanish Language.
- Many colleges accept high A.P. scores as college credit.
- A.P. Spanish Language is designed to help students become prepared for the May AP exam. Students will build their skills to understand native speakers at a natural pace with a variety of regional pronunciations; develop vocabulary sufficient for reading articles, literature, and other non-technical writings such as advertisements without dependence on a dictionary; express themselves by describing, narrating, inquiring, and supporting arguments in Spanish, both orally and in writing. Students should keep in mind that an A.P. score of a 3 or higher is often used by college to waive or give credits.

1202E1 & 1202E2 & 1202E3

MATHEMATICS

This flowchart shows several possible avenues for planning a student's progress in mathematics. Students graduating in 2022-2025 must earn a minimum of 3 required credits in high school mathematics for graduation. Students are **expected** to enroll in a math class for the first three years of high school but are encouraged to take a math class for all four years. **Every student is expected to enroll in Integrated 1, Integrated 2, Integrated 3, or Precalculus during his or her first three years of high school.**

Mathematics Course Pathways 2022/2023

Grade 8 Math Course	Grade 9	Grade 10	Grade 11	Grade 12
8th Grade Math	Integrated Math 1A/1B	Integrated Math 2A/2B	Integrated Math 3A/3B <hr style="width: 80%; margin: 5px auto;"/> Extended Integrated Math 3A <hr style="width: 80%; margin: 5px auto;"/> Construction Math Or Social Justice Math A/B	Precalculus A/B Or AP Statistics <hr style="width: 80%; margin: 5px auto;"/> Integrated Math 3B/Precalculus A Or Financial Math A/B Or Social Justice Math A/B Or Construction Math
8th Grade Math with Integrated Math 1A Credit	Integrated Math 1B/2A	Integrated Math 2B/ 3A	Integrated Math 3B/ Precalculus A <hr style="width: 80%; margin: 5px auto;"/> Construction Math Or Social Justice Math A/B	Precalculus B / No Math Or AP Statistics A/B <hr style="width: 80%; margin: 5px auto;"/> Financial Math A/B Or Social Justice Math A/B Or Construction Math
Integrated Math 1A/1B	Integrated Math 2A/2B	Integrated Math 3A/3B	Precalculus A/B and/or AP Statistics A/B <hr style="width: 80%; margin: 5px auto;"/> Construction Math Or Social Justice Math A/B	AP Calculus A/B/C And/or AP Statistics A/B <hr style="width: 80%; margin: 5px auto;"/> Financial Math A/B Or Social Justice Math A/B Or Construction Math

Many math courses build upon the skills learned in the previous course. For example, it is difficult to succeed in Integrated 2A if the skills from Integrated 1B have not been mastered. If a student has failed the same class two times, it must be repeated in a different setting such as Credit Recovery offered during or after the school day. In this case, a student would be allowed to progress to the next math course as long as they are concurrently enrolled in credit recovery and the next math course. If you do not take advantage of this option, your graduation may be delayed.

Math 8 (elective credit)

Length: 1 Trimester 0.5 elective credit

Prerequisites: Students will be recommended for this course based on assessments for language and mathematics given by and discussed between the ELD department and the math department.

Note: This class is an elective class and will not count toward the three math credits required for graduation.

- This course is designed to help students prepare for Integrated Math 1A.
- Key concepts will include integer operations, distributive property, combine like terms, solve one and two-step equations, area and perimeter, decimals and place value, operations with fractions, and graphing on a coordinate plane. **2011M1**

Integrated Math 1A (MA) (This course is the first half of Integrated Math 1.) (can be completed in Middle School)

Length: 1 Trimester, 0.5 credit

Note: This course is necessary for students planning to attend a four-year university.

- Key concepts include analyzing graphs, equation solving, sequences, and an introduction to functions. **20031A1**

Integrated Math 1B (MA) (This course is the second half of Integrated Math 1.) (can be completed in Middle School)

Length: 1 Trimester, 0.5 credit

Prerequisites: Successful completion of Integrated Math 1A.

Note: This course is necessary for students planning to attend a four-year university.

- Key concepts include basic constructions, unknown angle proofs, transformations, triangle congruence, measures of central tendency, and statistical analysis. **20031B1**

Integrated Math 2A (MA) (This course is the first half of Integrated Math 2.)

Length: 1 Trimester, 0.5 credit

Prerequisites: Successful completion of Integrated Math 1B.

Note: This course is necessary for students planning to attend a four-year university.

- Key concepts include scale drawings, dilations, and similarity, applying symmetry to right triangles, trigonometry, area, and volume. **20032A1**

Integrated Math 2B (MA) (This Course is the second half of Integrated Math 2.)

Length: 1 Trimester, 0.5 credit

Prerequisites: Successful completion of Integrated Math 2A.

Note: This course is necessary for students planning to attend a four-year university.

- Key concepts include polynomial and quadratic expressions, equations and functions, modeling with equations and functions, inequalities, parallel and perpendicular lines, and perimeter and area polygons. **20032B1**

Extended Integrated Math 3A A/B (MA)

Open to Grades 11 and 12

Length: 2 Trimesters, 1.0 math credit toward high school graduation

Prerequisites: Successful completion of Integrated Math 2B and teacher recommendation.

Note: This course represents .5 credits of Integrated Math 3 necessary for students planning to attend a four-year university.

- Key concepts include Polynomials, Factoring Quadratics and Polynomials, Exponential and Logarithmic Functions, Systems of Equations, Radical and Rational Expressions and Equations. Introduction to Trigonometry including the Unit Circle. **20033AE1 & 20033AE2**

Integrated Math 3A (MA) (This course is the first half of Integrated Math 3.)

Length: 1 Trimester, 0.5 math credit

Prerequisites: Successful completion of Integrated Math 2B

Note: This course is necessary for students planning to attend a four-year university.

- Key Concepts include Polynomials, Factoring Quadratics and Polynomials, Exponential and Logarithmic Functions, Systems of Equations, Radical and Rational Expressions and Equations. Introduction to Trigonometry including the Unit Circle. **20033A1**

Integrated Math 3B (MA) (This course is the second half of integrated Math 3.)

Length: 1 Trimester, 0.5 credit

Prerequisites: Successful completion of Integrated Math 3A or Extended Integrated Math 3A.

Note: This course is necessary for students planning to attend a four-year university.

- Key concepts include exponential and logarithmic functions, modeling using data from a sample, drawing conclusions using data and from an experiment. **20033B1**

Precalculus A (MA)

 **COLLEGE NOW** (MHCC Math 111)

Length: 1 Trimester, 0.5 credit

Prerequisites: Successful completion of Integrated Math 3B.

- Key concepts include polynomial functions, rational functions, and limits. **2053A9**

Precalculus B (MA)

 **COLLEGE NOW** (MHCC Math 112)

Length: 1 Trimester, 0.5 credit

Prerequisites: Successful completion of Precalculus A.

- Key concepts include trigonometric functions, parametric equations, vectors, and matrices. **2053B8**

A.P. Calculus A/B/C (MA)

▲ COLLEGE NOW (MHCC Math 251 and 252 and 253)

Length: 3 Trimesters, 1.5 math credit

Prerequisite: Successful completion of Precalculus A/B

Note: College credit (Math 251 and 252 and 253) is also possible by passing an AP Calculus AP test in May.

- The first trimester of this course will explore differential calculus. (Math 251), the second trimester of this course will explore integral calculus (Math 252) and the third trimester will explore infinite sequences and series and multivariable integration (Math 253). **205851 & 205852 & 205853**

A.P. Statistics A/B (MA)

▲ COLLEGE NOW (MHCC Math 243 and 244)

Length: 2 Trimesters, 1.0 math credit

Prerequisite: Successful completion of Precalculus A/B or Integrated Math 3A/3B.

Note: College credit (Math 243 and 244) is also possible by passing an AP Statistics test in May.

- Key concepts include exploring data, planning a study, anticipating patterns, and statistical inference. **206051 & 206052**

Consumer and Financial Math A/B (MA)

▲ COLLEGE NOW (MHCC BA218)

Open to Grade 12

Length: 2 Trimesters, 1.0 credit

- Key concepts include interest calculations, future value, functions, algebraic equations, modeling and statistics/probability.
- This course will focus on the practical application of mathematics to money and finance while providing students with the financial tools necessary to make informed decisions for a successful financial future. **206441 & 206442**

Construction Math (MA)

Open to Grades 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Prerequisite: Successful completion of Integrated Math 2A.

This course is designed to give students a real-world application to mathematics. Students will be using math within the fields of carpentry, plumbing, electricians and general contracting. These skills will help prepare students for careers beyond high school. **206999**

Social Justice Math A/B (MA)

Open to Grades: 11-12

Length: 2 Trimesters, 1.0 credit

Prerequisite: Successful Completion of Integrated 2B

Want to answer the question of how math is used in the real world, now is your chance! Analyze a variety of real-world situations and data through the lens of mathematics. Statistics, probability, algebra and geometry will be used to deepen understanding of social issues. Historical context, student interest topics and potential solutions will be examined. **202064A & 202064B**

CAREER AND TECHNICAL EDUCATION



Career Technical Education (CTE) provides students of all ages with the academic and technical skills, knowledge and training necessary to succeed in future careers to become lifelong learners. In total, about 12.5 million high school and college students are enrolled in CTE across the nation. CTE prepares these learners for the world of work by introducing them to workplace competencies, and makes academic content accessible to students by providing it in a hands-on context. In fact, the high school graduation rate for CTE concentrators is about 90 percent—15 percentage points higher than the national average. The District will take steps to ensure that the lack of English language skills will not be a barrier to admission and participation in CTE Programs.

Learn more about the national CTE initiative at www.careertech.org

Centennial High School CTE Programs of Study

The Oregon Department of Education approved program of study includes coherent and rigorous content aligned with challenging academic standards and relevant career and technical content in a coordinated, non-duplicative progression of courses that align secondary education with postsecondary education to adequately prepare students to succeed in postsecondary education. To be identified as a CTE program completor, a student must complete three (3) credits in a specific program of study; these students will be recognized with a CTE Honor Cord at graduation.

Digital Arts Integrated Media	Technical Design & Production	Computer Information Systems
Digital Photography	Technical Theatre 1 A/B/C	Intro to Computer Science
Graphic Design 1	Technical Theatre 2 A/B/C	Cyber Security
Graphic Design 2	Technical Theatre 3 A/B/C	Robotics
Web Design & Animation	Accounting/Financial	AP Computer Science (JAVA) A/B/C
Studio A/B	Accounting 1 A/B	AP Computer Science Principles A/B/C
Hospitality & Tourism/Culinary	Accounting 2 A/B	Early Childhood Education
Exploring Culinary Arts & Hospitality	Accounting 3 A/B	Child Development A/B
Culinary Arts & Hospitality 1 A/B	Marketing	Child Development & Theory A/B/C
Culinary Arts & Hospitality 2 A/B	Marketing 1 A	Cadet Teaching
Culinary Arts & Hospitality 3 A/B	Marketing 1 B	Early Childhood Education A/B
Business Management	Marketing 2 A/B	Elementary Work Experience A/B
Intro to Business Leadership A/B	Business & Marketing 3 A/B/C	Middle School Work Experience A/B
Business Leadership A/B	Product Design 101	Infant & Toddler Work Experience
Advanced Business Leadership A/B		Metal Manufacturing
Business 1 A		Exploratory Metals
Business 1 B		Metals 1 A/B
Business 2 A/B		Metals 2 A/B
Business & Marketing 3 A/B/C		Advanced Metals Projects
		Metals Fabrication

BUSINESS/TECHNOLOGY

Technology Applications (FA/TE/CTE)

Recommended for grade 9

Length: 1 Trimester, 0.5 credit

- Students will become familiar with various technology tools used at CHS.
- Students will learn proper typing technique and work on improving their typing skills and speed.
- Students will learn how to format various documents, including formatting reports used in English classes at CHS, as well as in college; and formatting personal business documents..
- Students will learn fundamental skills in using documents, spreadsheets, and presentation software.
- Students will have an opportunity to explore career options. **0201B1**

Technology and Careers (FA/TE/CTE)

Required for grade 11

(unless alternate credit earned, see list of career credit course options at the front of this course guide on page 10)

Length: 1 Trimester, 1.0 (.5 FA/CTE and .5 CA)

Prerequisite: Successful completion of Technology Applications.

Note: Successful completion of this course will satisfy the CAREER and PERSONALIZED LEARNING requirements.

- Students will learn a variety of software and technology tools needed to be successful both academically and professionally.
- Students will continue developing skills in keying technique, speed, and document formatting.
- Students will research career choices and conduct a career project based on students' career path.
- Students will create resumes and cover letters that will assist with post-high school goals.

- Students will develop career goals and essential concepts that will benefit students in their career or personal activities.
- Students that successfully complete this course will earn .5 Technology Credit and .5 Career Credit.
- CAL students will be required to enroll in Technology and Careers if they do not complete CAL as juniors or do not return to CAL as seniors. **0201C1**

Accounting 1A/1B (Formerly Accounting 1-2) (FA/TE/CTE)

Open to grades 10, 11, and 12

(9th graders who have earned Integrated Math 1A-1B credit and who are proficient with Technology are also eligible.)

Length: 2 Trimesters, 1.0 credit

Note: This course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements.

▲ COLLEGE NOW (MHCC)

- Students will be introduced to financial accounting and will learn the complete accounting cycle.
- This course is a must for all students interested in any form of business.
- Coursework has a major focus on computerized accounting.
- Accounting occupations and careers will be explored. **0207AA & 0207AB**

Accounting 2A/2B (Formerly Accounting 3-4) (FA/CTE)

Open to grades 10, 11, and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: A "C" or better in Accounting 1A/1B (formerly Accounting 1-2)

Note: This course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements.

- The major emphasis of this course is to prepare students for job-entry accounting positions.
- Course content is focused on accounting theory covering such topics as corporations, departmental, and cost accounting.
- Advanced computer applications are used.
- Accounting occupations and careers will be explored. **0207BA & 0207BB**

Accounting 3A/3B (Formerly Accounting 5-6) (FA/CTE)

Open to grades 11 and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: Successful completion of Accounting 2A/2B with a C or better (Formerly Accounting 3-4).

Note: This course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements.

- This is an advanced course designed for third year accounting students.
- This course will emphasize external financial reporting business enterprises.
- Information gathering, recording, and financial statement preparation will be covered with an emphasis on understanding, interpreting, and applying accounting information.
- Accounting occupations and careers will be explored. **0207CA & 0207CB**

Business 1A (Formerly Business 1)

Introduction to Entrepreneurship (FA/CTE)

Open to grades 9, 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Note: This class can be used as part of the prerequisite for Business & Marketing 2 A/B

- Students will take an introductory look at key concepts and terminology to understand the basics of business practices.
- Students will learn key concepts for starting a business and entrepreneurship.
- Topics will include key terms, business ethics, types of business models, and the process of starting a small business. **0225AA**

Business 1B (Formerly Business 2)

Business Management (FA/CTE)

Open to grades: 9, 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Prerequisite: Business 1A or Marketing 1A is recommended, or open to students that are familiar with key business terms and concepts.

Note: This class can be used as part of the prerequisite for Business & Marketing 2 A/B

- Students will take a look at key concepts of running a business and how to develop growth and manage employees and customer relationships.
- Students will look at how to generate business growth and apply marketing strategies to an existing business.
- Students will look to apply their business skills towards the completion of a community service project.
- Students will look to develop leadership skills that they will carry with them beyond high school. **0225AB**

Business 2 A/B (Formerly Business and Marketing 3-4)

International Business & Business Law (FA/CTE)

Open to Grades: 9, 10, 11, and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: Must take any two of: Business 1A or 1B or Marketing 1A or 1B

Note: May be repeated for credit. This class may be used to satisfy CAREER and PERSONALIZED LEARNING requirements.

- Students will take a look at different cultural approaches to business across the globe.
- Students will examine the nature of the relationships between employer and employee relations impacting business decisions.
- Students will study different cultural norms and how those approaches to community and commerce differ from the American model.
- Students will learn about basic laws and concepts that employees, employers, and business must adhere to. **0225BA & 0225BB**

Marketing 1A (Formerly Marketing 1)

Introduction to Marketing (FA/CTE)

Open to Grades: 9, 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Prerequisite: None

Note: This class can be used as part of the prerequisite for Business & Marketing 2 A/B

This is an introductory look at key concepts and terminology to understand the basics of marketing and its application to business.

- Students will learn about the 4 P's of marketing (Product, Price, Place and Promotion).
- Students will learn how marketing is ethically implemented in a business model and how economics impact the marketing process.
- Other topics covered may include but are not limited to: consumer choice, branding, sales, and advertising. **1802AA**

Marketing 1B (Formerly Marketing 2)

Marketing Applications (FA/CTE)

Open to Grades: 9, 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Prerequisite: Marketing 1A or Business 1A

Note: This class can be used as part of the prerequisite for Business & Marketing 2 A/B

- Students will build on the ideas of Marketing 1A and apply many of those topics towards brand merchandising and management.
- Students will look at pricing and customer satisfaction.
- Students will also look at creativity in marketing approaches and advertising.
- Other topics will include business to business marketing and global influences. **1802AB**

Marketing 2 A/B (Formerly Marketing 3-4)

Social Media & Sports and Entertainment Marketing (FA/CTE)

Open to Grades: 9, 10, 11, and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: Must take any two of Business 1A or 1B or Marketing 1A or 1B

Note: May be repeated for credit. This class may be used to satisfy CAREER and PERSONALIZED LEARNING requirements.

- Students will take a look at how social media has become one of the most powerful tools for marketing and advertising.
- Students will look at the world of marketing through the lens of sports and entertainment media.
- Students will learn about the history and evolution of social media, including the uses and advantages of different social media platforms.
- Other aspects include branding, public image, contemporary issues in media and politics, and how messages are conveyed.
- Students will learn how to plan for and execute a product launch or rebranding effort.
- Students will learn about market research, focus groups, and target audiences. **1802BA & 1802BB**

Business & Marketing 3 A/B/C (Formerly Business and Marketing 5-6)

Advanced Business Ownership-Student Store Operations (FA/CTE)

Open to grades: 11 and 12

Length: 3 Trimesters; Year, 1.5 credit

Prerequisite: Any Level 2 Business or Marketing class, or Business Leadership .

Note: May be repeated for credit. This class may be used to satisfy CAREER and PERSONALIZED LEARNING requirements.

- Under the direction of the instructor, this project-based course provides students the opportunity to serve as part of a business management team.
- A deeper understanding of the duties and responsibilities of the business owner or manager is gained during practical experience.
- Students will examine the nature of the relationships between employer and employee as well as regulations impacting business decisions.
- Students will assist in the design, planning and related financial and broad marketing plans for the student store. Take your student store ideas from concept to reality in this course!
- Students in this position will be trusted to know all aspects of the business stack, from terminology, personal management, inventory, point of sales, and/or an in-depth background in major marketing concepts.

- High levels of academic expectation and personal integrity are expected as this course will be centered around running a business for profit.
- Students will learn about basic laws and concepts that a business must adhere to.
- Other aspects include branding, public image, contemporary issues in media and politics, and how messages are conveyed.
- Students will identify marketing strategies for various types of products including sports teams, media content, and developing brand awareness. **0225CA & 0225CB & 0225CC**

Introduction to Business Leadership A/B (FA/TE/CTE)

Open to grades: 9, 10, 11 and 12

Length: 2 Trimesters, 1.0 credit

- This course brings business and education together and is for the student interested in developing advanced leadership skills that will be used after high school.
- Students will be involved in planning, implementing, and participating in community service projects.
- Students will work in teams on a business related project and may have the opportunity to participate and/or compete in FBLA at the local, state, and national levels.
- Membership in Future Business Leaders of America (FBLA) is **highly suggested**. **029671 & 029672**

Business Leadership A/B (FA/TE/CTE)

Open to grades: 10, 11 and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: Introduction to Business Leadership A/B

Note: This course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements.

- This course further applies the knowledge and skills learned from introductory business and marketing courses, and applies that knowledge to topics of business, marketing, and management.
- Complete challenging tasks individually and as a team to strengthen teamwork skills and learn to become a valuable asset to any business that students may encounter.
- Students will be involved in planning, implementing, and participating in community service projects as well as school service events.
- This yearlong course brings business and education together and is for students interested in developing advanced leadership skills that will be used for post-secondary learning and career development.
- Students will work in teams on a business related project and may have the opportunity to participate and/or compete in FBLA at the local, state, and national levels.
- Membership in Future Business Leaders of America (FBLA) is **highly suggested**. **029681 & 029682**

Advanced Business Leadership A/B (FA/TE/CTE)

Open to grades 11 and 12

Length: 2 Trimesters, 1.0 credit

Note: May be repeated for credit

Prerequisite: Business Leadership or instructor approval based on previous academic or extracurricular experience.

Note: This course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements.

- This course further applies the knowledge and skills learned from Business Leadership, and applies that knowledge to topics of business, marketing, and management.
- Complete challenging tasks individually and as a team to strengthen teamwork skills and learn to become a valuable asset to any business that students may encounter.
- Students will be involved in planning, implementing, and participating in community service projects as well as school service events.
- This yearlong course brings business and education together and is for students interested in developing advanced leadership skills that will be used for post-secondary learning and career development.
- Students will work in teams on a business related project and may will have the opportunity to participate and/or compete in FBLA at the local, state, and national levels.
- Membership in Future Business Leaders of America (FBLA) is **highly suggested**. **029691 & 029692**

Digital Media Production (FA/TE/CTE)

Open to grades 9, 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Note: Technology Applications HIGHLY recommended

Note: This class may be used to satisfy CAREER and PERSONALIZED LEARNING requirements.

- This course is designed for students interested in Media and Design Arts.
- Students will be introduced to industry-standard tools, skills, and materials that they can manipulate as the primary means of creative expression.
- Students will explore basic applications of various multimedia tools to create visual, oral, and written projects in both digital and print format.
- Students will learn and use a variety of applications, platforms, and devices. Visual and digital media occupations and careers will be explored. **031509**

Digital Photography (FA/CTE)

Open to grades 9, 10, 11 and 12

Length: 1 Trimester, 0.5 credit

Prerequisite: Technology Applications is highly recommended

- Digital Photography is designed to introduce students to the basic use of Digital-Single-Lens-Reflex (DSLR) cameras; students will learn the history of cameras, photography, exposure, and composition.
 - Students will get hands-on experience taking pictures with a DSLR camera.
 - Students will additionally use Adobe Photoshop for basic image manipulation.
 - Students will use basic knowledge of computers (PC's, laptops, and/or Macs), file management and naming conventions.
- 179631**

Graphic Design 1 (FA/TE/CTE)

Open to Grades: 9, 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Prerequisite: Successful completion of Technology Applications

- Graphic Design 1 is designed to introduce students to industry-standard vector graphic software (Adobe Illustrator Creative Cloud) to create digital graphics, illustrations, and typography; and industry-standard image editing software (Adobe Photoshop Creative Cloud) to enhance, retouch, and manipulate images.
- Students will continue to use skills from Technology Applications such as advanced knowledge of industry-standard use of computers, the importance of naming conventions and file management. **0315A9**

Graphic Design 2 (FA/TE/CTE)

Open to Grades: 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Prerequisite: Successful completion of Graphic Design 1

- Graphic Design is designed for those students who want to continue to explore their interest in visual design; students will be introduced to industry-standard desktop publishing software (Adobe InDesign) to create a variety of print/digital media, including brochures, newsletters, flyers, and posters.
- Students will be introduced to basic principles of graphic design theory, color theory, and typography to enhance visual concepts. Students will continue to develop digital skills in Adobe Illustrator and Photoshop. **0315B9**

Web Design & Animation (FA/TE/CTE)

Open to grades 9, 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Prerequisite: Successful completion of Technology Applications

- Web Design & Animation is designed to introduce students to basic web site development and basic animation.
- Students will learn to create and style websites using HTML & CSS.
- Students will also learn about working with images for the web.
- Students will use industry-standard software (Adobe Animate) to create basic animation.
- Students will continue to use skills from Technology Applications such as advanced knowledge of industry-standard use of computers, the importance of naming conventions, and file management. **0318A9**

Studio A/B (FA/TE/CTE)

Open to grades 11 and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: Successful completion of Digital Photography, Web Design & Animation; Graphic Design 1 and 2.

- Studio is designed for students to gain real-world experience and authentic learning by doing a variety of projects including: updating and maintaining the school's website completing projects for the athletic department, athletic teams, and clubs; photographing different school activities, athletics, and clubs; collaborating with a variety of departments, clubs and classes to create promotional items for special events, t-shirt designs, flyers, posters, etc.
- Students who are interested in taking this class must be self-motivated, able to work independently and on teams, good oral and written communication skills, able to meet strict deadlines, reliable and responsible. **0318B1 & 0318B2**

Cyber Security (FA/TE/CTE)

Open to grades 9, 10, 11, and 12

▲ COLLEGE NOW (MHCC)

Length: 1 Trimester, 0.5 credit

Prerequisite: Successful completion of Technology Applications required and Intro to Computer Science recommended

- In this class students receive instruction and lab assignments focused on introductory concepts in cyber-security.
- These concepts include cyber-security theory and basic techniques for optimizing security on personal computers and small networks.
- Training in this course can potentially lead to an EC-Council Security 5 certification. **0395A9**

Introduction to Computer Science (FA/TE/CTE)

Length: 1 Trimester, 0.5 credit

Open to Grades: 9, 10, 11, and 12

- Key concepts: What is programming? What is a function? What is a bug?
- Students will be introduced to the programming language and its style.
- Students will also learn JavaScript, graphics, and control structures. **10152A9**

A.P. Computer Science A: A/B (JAVA) (FA/TE/CTE)

Open to Grades: 10, 11, and 12

Length: 2 Trimesters; 1.0 credit

Prerequisite: Successful completion of Intro to Computer Science

- For students who have explored their interest in computer science through our introductory classes, we now offer a follow up class geared toward completion of the AP CSA test.
- Learn the basics of object-oriented programming with a focus on problem solving and algorithm development.
- Take this course and prepare to be successful on the AP Java test.
- Trimester 1 Key concepts: Basic Java Refresher, Methods, Object Oriented Programming, and Data Structures
- Trimester 2 Key concepts: Algorithms & Recursion, AP Test Practice, and Final Project **101571 & 101572**

A.P. Computer Science Principles A/B (FA/TE/CTE)

Open to Grades: 10, 11, and 12

Length: 2 Trimesters; 1.0 credit

Prerequisite: Successful completion of Intro to Computer Science

- With a unique focus on creative problem solving and real-world applications, AP Computer Science Principles gives students the opportunity to explore several important topics of computing using their own ideas and creativity, use the power of computing to create artifacts of personal value, and develop an interest in computer science that will foster further endeavors in the field.
- Trimester 1 Key concepts: Web Development, Introduction to Programming with Karel the Dog, Programming with JavaScript, and Digital Information
- Trimester 2 Key concepts: The Internet, Data, Performance Tasks, Review for the AP Exam and Final Project. **101581 & 101582**

Product Design 101 (FA/TE/CTE)

Open to grades 9, 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Note: Technology Applications recommended

- Put your innovation, invention and/or robotic skills to the test as you design and create a brand new product from scratch!
- Work on design teams using processes developed at Stanford University to engineer a prototype, develop a pitch and write a resume and business plan.
- Help friends, family or your community solve a real world problem by creating a device to make the world a better place.
- Hone your skills in electronics, programming, engineering and design.
- Learn how to market your product and research your competition. **031519**

Robotics (FA/TE/CTE)

Open to grades 9, 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Note: Technology Applications recommended

- Learn to Code, Engineer, and Design in this introductory Robotics course!
- Students will be introduced to basic engineering principles, documentation, teamwork, data collection and analysis, basic programming, and problem solving strategies through the use of the VEX IQ robotics platform, or similar.
- Participation in extracurricular SUN Robotics Club is **highly recommended**. **21009A**

FAMILY AND CONSUMER SCIENCES

Exploring Culinary Arts & Hospitality (Formerly Culinary Arts and Hospitality) (FA/CTE)

Fun with Basic Food Skills and Flavors

Open to grades 9, 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Note: May be repeated for credit

Introduces the skills used in the food and hospitality industry for careers and daily practical life.

Culinary practices and concepts are taught:

- Safe food handling practices, sanitation, basic cooking methods, proper use of commercial kitchen equipment; including knife skills, and classic knife cuts.
- Proper nutrition, introduction to cooking and baking skills required in a commercial kitchen, culinary vocabulary, recipe conversions, restaurant concepts, and menu planning.

Hospitality concepts look at:

- Careers in the industry, sustainable practices, travel and tourism in and how it relates to food trends.
- Students will be doing both hands on cooking and the theory behind the knowledge it takes to work in the culinary and hospitality fields. **160511**

Culinary Arts & Hospitality 1A/1B (Formerly Culinary Arts and Hospitality 1-2) (FA/CTE)

Professional Cooking Skills and Regional Delights in the Foodservice Industry

Open to grades 10, 11, and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: Exploring Culinary Arts and Hospitality

- Students continue with exploring the concepts and practices of a professional kitchen and hospitality industry.
- Food service areas we focus: customer service, food and beverage service, nutrition, food safety, intermediate knife skills, meal planning, menu and recipe concepts.
- Production of cookies, muffins, and other quick bread, fruits, vegetables, salads, appetizers, and eggs.
- Students will explore: seasonal and regional foods as well as sustainability and the ethics of food.
- Students will continue to explore careers in hospitality and restaurant management.
- Students will be required to do some catering around the school for after school activities.
- Students will acquire a food handler's card. **29431A & 29431B**

Culinary Arts & Hospitality 2A/2B (Formerly "Culinary Arts and Hospitality 3-4) (FA/CTE)

Exploring Local Food Trends/Hospitality and Tourism

Open to grades 11 and 12

Length: 2 Trimesters 1.0 credit

Prerequisite: Successful completion of Culinary Arts and Hospitality 1-2

Note: This course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements.

- Culinary 2 students will expand on the skills and concepts for maintaining a career in the Culinary and Hospitality industry. Students will explore the target areas of cooking and how it relates to American Regional-cuisine and local street food in the greater Portland area.
- Students will design a food truck or a brick and mortar menu concept with the help of an industry partner of their choosing.
- Continuation of Restaurant Management and Culinary Arts. Skills include cost control, purchasing and inventory, and an understanding of American Regional Cuisine.
- 2A: classic American meals, desserts and baked goods associated with the different regions of America.
- 2B: traditional ethnic meals, desserts and baked goods associated with Global Cuisine and the different regions of the world.
- Students will maintain a food handler's card. **29432A & 29432B**

Culinary Arts & Hospitality 3A/3B (Formerly Culinary Arts and Hospitality 5-6) (FA/CTE)

Global and Intercontinental Cuisine/Catering and Restaurant Management

Open to grades 11 and 12

Servsafe Management Certification available

Length: 2 Trimesters , 1.0 credit

Prerequisite: Successful completion of Culinary Arts and Hospitality 3-4

- Students will look abroad at the culinary and hospitality industry and what careers are possible.
- Skills will include how restaurant management, cost control, purchasing and inventory impact starting a business.
- Students will look at how event planning and catering are done and will be required to participate in before and after school events that they will cook and plan for.
- Students will look at how global foods are uniquely different and the same from many regions of the world.
- Areas of focus will be traditional ethnic meals, desserts, holiday celebrations and the cultural significance of food, travel, hospitality, and tourism and how it impacts the hospitality world.
- Students will be cooking global street foods and designing a business plan for any myriad of culinary restaurant categories.
- Students will showcase the business with the help of an industry partner of their choosing.
- Students will need to maintain a food handler's card **29433A & 29433B**

Fashion and Housing Design 1 (Formerly Intro to Fashion and Housing Design) (FA/CTE)

Open to grades 9, 10, 11, and 12

Length: 1 Trimester, 0.5 credit

• Students will be introduced to the elements of clothing design and related merchandising basics.

- Hand-sewing, weaving, fashion and housing illustration and design.
- Course will be mostly project-based. **0505C9**

Fashion and Housing Design 2 (Formerly Advanced Fashion and Housing Design) (FA/CTE)

Open to grades 9, 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Prerequisite: Successful completion of Fashion and Housing Design 1

May be repeated for credit.

- Students will build upon the elements of clothing design and related merchandising learned in the level 1 course.
- Students will learn to use the sewing machine, sew basic projects, embroider, and use design programs to create interiors.
- Course will begin to more closely align and integrate business practices associated with Marketing and Business courses.
- Course will be mostly project-based learning. **0505D9**

Child Development A/B (FA/CTE)

Open to grades 9, 10, 11, and 12

Length: 2 Trimesters, 1.0 credit

- This class has been developed for students interested in working with children.
- A variety of child development topics will be addressed, and students will run a preschool as part of the hands-on experience. **2923A1 & 2923A2**

Cadet Teaching (FA/CTE)

Open to Grades 9, 10, 11, 12

Length: 1 Trimester, 0.5 Credits (can be repeated for credit)

Prerequisite (if any): C or better in Child Development A/B (Formerly Child Development)

- This course is designed for students that have successfully completed Child Development to gain additional work experience in the preschool.
- Cadet Teachers will expand their skills in planning and preparing lessons, while they work in the onsite preschool. **2923A3**

Child Development and Theory A/B/C (FA/CTE)

Open to grades 10, 11, and 12

▲ COLLEGE NOW (EOU)

Length: 3 Trimesters; Year, 1.5 credits

Prerequisite: C in Child Development A/B

Note: This course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements.

May be repeated for credit.

- This class is the second level Child Development class.
- Students will take on more managerial responsibilities in the preschool, and lesson planning and teaching skills will be honed. **2923B1 & 2923B2 & 2923B3**

Early Childhood Education A/B/C (FA/CTE)

▲ COLLEGE NOW (EOU)

Open to grades 11 and 12

Length: One trimester, 2 consecutive periods = 1.0 Credits. 2 Trimesters, 2 consecutive periods = 2.0 credits, 3 trimesters, 2 consecutive periods = 3.0 credits.

Prerequisite: C or better in Child Development and instructor approval

Note: This course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements.

Students will work with children in a community setting grades pre-K to third.

- Students will be placed in an off-site business to work with children of various ages.
- 90 hours of work-site work experience is required for college credit.
- Most students will need 2 trimesters of double periods to complete this requirement for EOU credit.
- Students must have transportation to these work sites. **2534A1 & 2534A2 & 2534A3**

Elementary and Middle School Work Experience A/B/C (FA/CTE)

Open to grades 11 and 12

▲ COLLEGE NOW (EOU)

Length: 1 trimester, 2 consecutive periods = 1.0 Credits. 2 Trimesters, 2 consecutive periods = 2 credits, 3 trimesters, 2 consecutive periods = 3.0 credits.

Prerequisite: Application and approval by instructor

Note: This course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements.

- This course is for students who wish to examine teaching as a possible career and/or enjoy working with younger children.
- The role of the student teacher is to assist elementary or middle school teachers in a variety of instructional activities.
- Additional responsibilities include journals and possible one-to-one tutoring activities.
- Students must have transportation to the work site. **253301 & 253302 & 253303**

Infant and Toddler Work Experience A/B/C (FA/CTE)

Open to grades 11 and 12

Length: 3 Trimesters, 1.5 credit

Prerequisite: Application and approval by teacher. Two years of Child Development or concurrent enrollment in Child Development and Theory. Teen parents are exempt from these requirements.

Note: This course can be taken for repeat credit. In addition, this course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements. Additional project work required.

- Students in this second level child development class will focus their learning on infants and toddlers through reading and writing activities and by working in our on-site Infant room.
- Students must complete an application, receive teacher approval, and be interviewed before acceptance into this class.
- Class is capped at two students per class period. **2923C1 & 2923C2 & 2923C3**

Parenting A/B/C (FA/CTE)

Open to grades 9, 10, 11, and 12

Length: 3 Trimesters, 1.5 credit

May be repeated for credit.

- Class is highly recommended for any student in the Centennial School District who is pregnant or parenting.
- Class is also open to juniors and seniors who are not pregnant or parenting, but are interested in learning the content and skills of the class of parenting and openly participating in the community of learners.
- Students will learn content relating to parenting, children, and relationships, and general adulting. We invite guest speakers, have contact with community agencies, and establish a strong sense of community.
- Students will receive built-in time and support to ensure success as students.
- Students will receive guidance in preparing a post-high school graduation plan. **050511 & 050512 & 050513**

Senior Success for University A/B (Formerly Senior Success Fall) (FA/CTE)

(Guides students in accessing 4 year college/university and opportunities as an officer in the military)

Open to grade 12

Length: 2 trimesters (Fall & Winter), 1.0 credit

- This two trimester course is best for:
 - Students intending to go to 4 year university.
 - Students graduating early from high school.
 - Students interested in becoming an officer in the military (need 4 years of college first).
- Students interested in early application (November 1st) should take fall trimester class together with winter or Spring.
- Students may choose to take all three trimesters if applying to universities.
- Students will develop a post-graduation plan that includes researching and applying for colleges and universities, FAFSA Oregon Promise, grants, and scholarships.
- Students will write, revise, and submit college and scholarship essays.
- Students will attend college presentations and tours - in person and virtually.
- Students will analyze data and trends related to jobs, education, and earnings.
- Students will develop an awareness of themselves and their motivation as it relates to poverty, middle income and wealth.
05052A & 05052B

Senior Success for Community College/Trades (Formerly Senior Success Spring) (FA/CTE)

(Guides students in accessing college)

Open to grade 12

Length: 1 Trimester (Spring), 0.5 credit

- This trimester course is best for:
 - Students planning on going to community college.
 - Students interested in certificate programs (less than two years of training).
 - Students interested in the trades.
 - Students interested in the military (straight to bootcamp without college first).
- Students can combine with any other trimester of Senior Success.
- Students will develop a post-graduation plan that includes researching and applying for colleges and universities, FAFSA, Oregon Promise, grants, and scholarships. apply for universities, FAFSA, scholarships, and/or Oregon Promise, MHCC Trio, PCC Future Connect, etc.
- Students will write, revise, and submit college and scholarship essays.
- Students will attend college presentations and tours - in person and virtually. visit college campuses
- Students will analyze data and trends related to jobs, education, and earnings.
- Students will develop an awareness of themselves and their motivation as it relates to poverty, middle income and wealth.
05052C

INDUSTRIAL TECHNOLOGY

Exploratory Metals (FA/CTE)

Open to grades 9, 10, 11, and 12

Length: Trimester, 0.5 credit

- This exploratory course covers the basics of metals manufacturing.
- After learning shop safety, students will work in such areas as sheet metal, machining, welding, hot metals, and computer-controlled milling.
- This course provides the basis for many career opportunities in the machine and metals field. **2412A9**

Metals 1A/1B (Formerly Metals 1-2) (FA/CTE)

Open to grades 9, 10, 11, and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: Successful completion of Exploratory Metals

- Students will be given advanced metalworking projects that will develop their skills in the four basic areas of metalworking: sheet metal, hot metals, welding, and machining. **24121A & 24121B**

Metals 2A/2B (Formerly Metals 3-4) (FA/CTE)

▲ COLLEGE NOW (MHCC WLD-116-84)

Open to grades 10, 11, and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: Successful completion of Metals 1A/1B (formerly Metals 1-2)

Note: This course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements.

This course is designed to prepare students for entry into the metal-manufacturing trades.

- Students will learn advanced precision machining, milling, computer aided milling and plasma cutting.
- Students will learn advanced TIG, MIG welding. **24122A & 24122B**

Advanced Metal Projects A/B (FA/CTE)

Open to grade 11 and 12

▲ COLLEGE NOW (MHCC IMTL)

Length: 2 Trimesters, 1.0 credit

Prerequisite: Successful completion of Metals 2A/2B (Formerly Metals 3-4)

Note: This course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements. Instructor approval and additional project work required. May be repeated for credit.

- This course is designed to prepare students for entry into the metal-manufacturing trades.
- Emphasis will be on teacher/student planned individual projects. **24124A & 24124B**

Metal Fabrication A/B (FA/CTE)

▲ COLLEGE NOW (MHCC)

Open to grade 11 and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: Successful completion of Metals 2A/2B (formerly Metals 3-4)

Note: This course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements. Instructor approval and additional project work required.

- This course is designed to continue in developing metal-manufacturing skills needed for the metal trades.
- Students will plan and design teacher or individual projects. **24123A & 24123A**

SCIENCE

Three credits are required for graduation. Universities recommend prospective students complete one course each of Physics, Chemistry, and Biology.

	Grade 9	Grade 10	Grade 11*	Grade 12*
<u>Standard</u>	Patterns Physics	Chemistry	Biology	Advanced Chemistry Anatomy & Physiology A.P. Environmental Science A.P. Physics Applied Physics Advanced Biology Marine Science A.P. Physics C
Advanced	Chemistry and Patterns Physics	Biology -----and/or----- A.P. Physics	A.P. Physics ----- Biology or Advanced Biology	Advanced Chemistry Anatomy & Physiology A.P. Environmental Science A.P. Physics Applied Physics Advanced Biology Marine Science A.P. Physics C

* Grade 12 Science Electives may be taken concurrently (doubled up) with other Science classes in 10th, 11th and/or 12th grade(s).

Patterns Physics A/B (sc)

(Formerly Conceptual Physics)

Open to grade 9

Length: 2 Trimesters, 1.0 credit

Prerequisite: A taken before B

- This is a lab-based physics course designed for freshmen. Students will study motion, force, momentum, energy, waves, power, and electromagnetism.
- Students will discover and apply mathematical patterns and build the skills of engineering design, critical thinking, and scientific inquiry.
- This course will develop and build students' math abilities, performance in problem-solving, scientific literacy, and technical communication skills that will be useful in future science courses. **174141 & 174142**

Chemistry A/B (sc)

Open to grades 9 and 10

Length: 2 Trimesters, 1.0 credit

Prerequisite: A taken before B

- This is a lab-based, introductory chemistry course designed for sophomores. Students will study measurement, problem solving, atoms, the periodic table, compounds, reactions, stoichiometry, states of matter, and nuclear chemistry.
- Students will explore and apply these topics through lecture, homework and laboratory experiences while building math skills, problem-solving, and reading technical communications.
- 9th graders may take this ONLY if they are also taking Patterns Physics. **172141 & 172142**

Biology A/B (sc)

Open to grades 10 and 11

Length: 2 Trimesters, 1.0 credit

Prerequisite: A taken before B

- This is a lab-based biology course designed for juniors. Students will study the structures and functions of living things.
- Course topics include the characteristics of life; cell processes; genetics; classification, biodiversity, and evolution of organisms; and ecology.
- Students will make connections between biology and everyday life. **171141 & 171142**

Advanced Chemistry A/B (sc)

Open to grades 10, 11, and 12

Length: 2 Trimesters, 1.0 credit

Prerequisites: Chemistry and Integrated Math 2A/2B; A taken before B

- This second year Chemistry course applies the knowledge and skills learned in Chemistry
- Topics include the following: solutions, reaction kinetics, equilibrium, acids and bases, thermodynamics and an introduction to organic chemistry.
- Students will explore and apply these topics through lecture, homework and laboratory experiences. **172351 & 172352**

Advanced Biology A/B (sc)

Open to grades 11 and 12

Length: 2 Trimesters, 1.0 credits

Prerequisite: Chemistry; A taken before B

- Advanced Biology is designed for students who plan to attend college and wish to do rigorous work.
- The course emphasizes the comprehensive study of biochemistry, molecular biology, cell structure and function, genetics, evolution, developmental biology, animal and plant systems, and ecology.
- Students who take this course will have a more in-depth exploration of biology topics. 171351 & 171352

Anatomy and Physiology A/B (sc)

Open to grades 11 and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: A taken before B

- This two-trimester college and occupational prep course is designed for the student planning a career in the healthcare field.
- Students will develop a basic understanding of the human body as they study tissues, the integumentary system, the skeletal system, the muscular system, the nervous system, and the circulatory system.
- This course includes dissection. 171301 & 171302

A.P. Environmental Science A/B (sc)

Open to grades 11 and 12

Length: 2 Trimesters, 1.0 credits

Prerequisite: A taken before B

- The A.P. Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in Environmental Science.
- College credit may be earned by passing the A.P. Environmental Science Test.
- Students will explore the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world.
- Students will identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them.
- Students will explore the topic of Environmental Science within the context of the Pacific Northwest.
- Students will gain, and demonstrate, learning through hands-on and laboratory activities.
- Students will have multiple field trip opportunities, which will supplement classroom content. 175121 & 175122

Marine Science A (Oceanography) / B (Ocean Zoology) (sc)

Open to grades 11 and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: None

Marine Science focuses on the study of the physical (Oceanography) and biological (Zoology) aspects of the ocean.

- Marine Science A is spent studying physical oceanography. This includes ocean geology, water movements, and physics of the ocean.
- Marine Science B examines life in the oceans; including invertebrate taxonomy and adaptations, marine mammalogy, taxonomy and adaptations, and microscopic life forms. This course includes dissection.
- Marine related careers and the social, resource, recreations, and ecological impacts are discussed throughout the course. 177141 & 177142

Applied Physics 1A/1B (Formerly Applied Physics 1-2) (sc)

Open to grades 11 and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: Integrated Math 1B; A taken before B

- Applied Physics materials were cited by the *American Academy of Science* as the best technical physics curriculum available.
- This course is designed to provide the *technically oriented* student with the concepts and principles underlying the four energy systems: mechanical, electrical, thermal, and fluid. It will strengthen the student's mathematical and problem-solving skills as they relate to today's modern technical careers.
- With this broad-based, challenging foundation, the student will be preparing for post-secondary technical training at a community college, vocational institute, or a four-year college.
- Thirty to forty percent of class time is spent in the lab learning how to use instruments relevant to the workplace. 1732A1 & 1732A2

Applied Physics 2A/2B (Formerly Applied Physics 3-4) (sc)

Open to grades 11, and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: Math 1B, Applied Physics 1A/1B; A taken before B

- This course is designed for students considering a future as a technician or engineer in an area ranging from auto mechanic to electrical engineer.
- It is an extension of Applied Physics 1A/1B.

- Forty percent of the class time is spent in the lab working with technology used by industry. Topics covered are: force transformers, momentum, waves and vibrations, radiation, optics and optical systems.
- There is a performance-based assessment in the form of applying the concepts to skiing/snowboarding. **1732B1 & 1732B2**

A.P. Physics A/B/C (sc)

Open to grades 10, 11, and 12

Length: 3 Trimesters, 1.5 credits

Prerequisite: Integrated Math 2A/2B, or by instructor approval. A taken before B taken before C

- This course is patterned after a college-level, Algebra-based physics class. It is designated Physics 1 by the College Board.
- Big ideas include:
 - Objects and systems have properties such as mass and charge.
 - Fields existing in space can be used to explain interactions.
 - Forces are interactions between objects.
 - Charges that occur as a result of interactions are constrained by conservation laws.
 - Waves can transfer energy and momentum from one location to another without the permanent transfer of mass and serve as a mathematical model for the description of other phenomena.
- College-level labs are done and the course includes performance-based assessments including applying physics to skiing/snowboarding and culminating in a project that is a *Rube-Goldberg Machine*. **17335A & 17335B & 17335C**

A.P. Physics C: Mechanics A (sc)

Open to grades 11 and 12

Length: 1 Trimester, 0.5 credit

Prerequisite: AP Physics; completion or concurrent enrollment in Calculus

- This course is a two-trimester, calculus based, college-level physics course, especially appropriate for students planning to specialize or major in one of the physical sciences or engineering.
- Students cultivate their understanding of physics through classroom study and activities as well as hands-on laboratory work as they explore concepts like change, force interactions, fields, and conservation. **173353**

A.P. Physics C: Electricity & Magnetism B/C (sc)

Open to grades 11 and 12

Length: 2 Trimesters, 1.0 credit

Prerequisite: AP Physics C A; completion or concurrent enrollment in Calculus

- This course is a one-trimester, calculus based, college-level physics course, especially appropriate for students planning to specialize or major in one of the physical sciences or engineering.
- The course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus is used throughout the course. **173354 & 173355**

SOCIAL STUDIES

Three credits are required for graduation.

Recommended Social Studies Course Pathway:

Grade 9	Grade 10	Grade 11 or Grade 12
World Studies <i>or</i> *A.P. Human Geography	U.S. History <i>or</i> *A.P. U.S. History	Economics and U.S. Government <i>or</i> *A.P. U.S. Government

*Indicates advanced level coursework in this content are

World Studies A/B (formerly World Studies 1-2) (GS/SS)

Required grade 9 or 10 (or AP Human Geography)

Length: 2 Trimesters, 1.0 credit

Prerequisite for WS B is WS A

- This course is designed to study regions of the world. The course will cover the following topics of world regions: geography, culture, 20th Century modern world history, and current world issues. **271441 & 271442**

A.P. Human Geography A/B (GS/SS)

Open to Grades 9, 10, 11, and 12

Length: 2 Trimesters, 1.0 credit

- This course focuses on the distribution, processes, and effects of human populations on the planet while providing a systematic study of human geography, including the following topics:
 - Nature of and Perspectives on Geography, Population, Cultural Patterns and Processes
 - Political Organization of Space, Agricultural and Rural Land Use, Industrialization and Economic Development, Cities and Urban Land Use

- This is a college level course, which will concentrate on the reading, writing, and study skills necessary for future A.P. and college courses. College credit may be earned with the passing of the A.P. Human Geography exam at the end of the year. **270151 & 270152**

U.S. History A/B (US/SS)

Required grade 10, 11, or 12 (or A.P. U.S. History)

Length: 2 Trimesters, 1.0 credit

Prerequisite for U.S. History B is U.S. History A

This class focuses on 20th Century United States History. It is designed for the student to use history as a way to support their stance on various topics. The students will explore the major political, social, and economic issues of the 20th Century and connect them to current issues. This will be done through lecture, video, individual and group work, and major projects. **272141 & 272142**

A.P. U.S. History A/B/C (US/SS)

▲ COLLEGE NOW (MHCC HST 201, 202, 203) (12 MHCC Credits)

Open to grades 10, 11, and 12

Length: 3 Trimesters, 1.5 credits

- This course will be an intensive study of American History that requires students to create college level work in order to achieve success on the A.P. U.S. History exam in the spring.
- Extensive reading, writing, and study sessions will be required outside of class.
- Passing the A.P. exam earns college credit at many universities.
- Students have the opportunity to earn up to 12 credits through MHCC. **272521 & 272522 & 272523**

U.S. Government (GV/SS)

Required Grade: 11 or 12

Length: 1 Trimester, 0.5 credit

This course is designed to give students an understanding of our system of government.

The course will focus on the following areas:

- Constitution
- Branches of Government
- Federal, State, and Local Government
- Civic Responsibilities
- Individual Rights
- Current Issues within Government **273049**

A.P. U.S. Government A/B (GV/SS)

Open to grades 11 and 12

Length: 2 Trimesters, 1.0 credit

- The express purpose of this course is to prepare students to take the A.P. exam for U.S. Government and Politics.
- This course will be taught at a college level and will require a substantial amount of reading and preparation for class.
- The objectives of this course go beyond a basic understanding of how our government works and will ask students to develop a critical understanding of the strengths and weaknesses of the American political system. **273601 & 273602**

Economics (EC/SS)

Required grade 11 or 12

Length: 1 Trimester, 0.5 credit

- This course will give students an understanding of factors that influence economic decisions.
- The course will focus on the following topics: economic decision-making, personal finance, economic systems, and national and global economic institutions and issues. **274149**

Introduction to Psychology (elective credit)

Open to grades 9, 10, 11, and 12

Length: 1 Trimester, 0.5 credit

- Psychology is the study of human behavior.
- This class is intended to give students an introduction to the major concepts of Psychology including:
 - The Brain
 - Cognitive Processes
 - Human Development
 - Personality
 - Psychological Disorders
 - Self

This class is **not** a prerequisite for AP Psychology. **2771A9**

A.P. Psychology A/B (elective credit)

Open to grades 11 and 12

Length: 2 Trimesters, 1.0 credit

- The purpose of the A.P. course in Psychology is to introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals.
- Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology.
- Students also learn about the ethics and methods psychologists use in their science and practice.
- This course will prepare students to take the National A.P. exam in the spring.
- Passing the A.P. exam earns college credit at many universities. **2773A1 & 2773A2**

Criminal Justice (elective credit)

Open to grades 10, 11, and 12

Length: 1 Trimester, 0.5 credit

- Criminal Justice is an exploration of the historical development, current operation, and future trends of criminal justice. We will explore the following topics:
 - Laws
 - Individual Rights
 - Police
 - Courts
 - Corrections
 - Theories of criminal behavior. **276479**

Introduction to Sociology – Friends, Family and Society (elective credit)

Open to grades: 10, 11, and 12

Length: 1 Trimester, 0.5 credit

This class looks at how the groups we belong to- family, friends, work, age, race, gender, class, etc– influence a person's experiences. Some of the issues we will look at are sports, gangs, schools, domestic violence, and racial, gender and economic inequity. **2775A9**

Current Events, Issues, and Media Literacy (Formerly Contemporary Issues and Media Literacy) (elective credit)

Open to grades: 11 and 12

Length: 1 Trimester, 0.5 credit

This class is a terrific opportunity to look at what is going on in the news today and how to analyze that information. This will be done through looking at news broadcasts, articles, social media and documentaries to study current events, issues and analyze the validity of those sources. Students will look at the same news story from different sources and have respectful class discussions. Take note that students will look at sometimes controversial issues and materials. **272004**

Holocaust & Genocide Studies (elective credit)

Open to grades: 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Students will explore the Holocaust in an intense study, using primary sources, literature, memoirs, music and other sources that will take the students from the causes of the Holocaust through the final solution to liberation. They will also study other genocides of the 20th Century such as Armenia, Cambodia, Bosnia, and Rwanda in order to evaluate genocide in its larger context. This is an interdisciplinary course integrating history, government, language arts, psychology, art, science and philosophy. It is a discussion-based, seminar style course and will require active participation of all students. The subject matter of the course is challenging intellectually and emotionally. **272199**

Government Seminar \$ (Close-up) (GV/SS/EL)

Open to grades 10, 11, and 12

Length: One week, .5 credit Note: This course may be taken for one trimester of elective social studies credit or may be used to satisfy a required Government credit.

- This course is designed for students registered for the Close-Up program, a hands-on experience in U.S. Government.
- Students will spend one week on an extensive work-study program in Washington, D.C. **274079**

ADDITIONAL ELECTIVE OPPORTUNITIES

Student Council Leadership A/B/C (elective credit)

Open to Grades 9, 10, 11, and 12

This is an elected position. Teacher Recommendation Required.

May Be Repeated for Credit 08413A & 08413BB & 08413C

Work or Volunteer Partnership (elective credit)

Open to grades 9, 10, 11, and 12.

Length: Trimester/Year, depending on work schedule

This opportunity is designed for students with jobs or who are volunteering.

- For every 90 hours of paid/verifiable work, students can earn 0.5 elective credits.
- Students who volunteer for 90 hours can earn 0.5 elective credits.
- This course does not count for the 0.5 Career credit required for graduation.
- Work and Volunteer Partnership credits are generally limited to 2 total credits. However, students can apply for a third credit. See the School-to-Career Specialist for more information.
- This opportunity can be completed during the summer.
- **This is not a class, and exists outside the school day.** See the School-to-Career Specialist, Mr. Henderson for a course contract and further details. **0899W1**

Study Hall

Open to grades 9, 10, 11, and 12

Length: 1 Trimester, (No credit)

- This course is designed for students who want to do homework independently under supervision during the school day.
- Although this is not a course for credit, it is a good idea for any student who needs extra time to complete homework. **083379**

American Sign Language (ASL) Peer Tutor (elective credit)

Open to grades 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Prerequisite: Successful completion of ASL 1A/1B, (Formerly ASL 1-2) or equivalent competency and completed Peer Tutor application. Peer Tutors earn a letter grade

- Students in this course will tutor students in American Sign Language one-on-one, in small groups, and in the ASL classroom. Peer tutors will work with the students as directed by their supervising teacher to help classroom students be more successful in American Sign Language. **083151**

A.P. Peer Tutor (elective credit)

Open to grades 11 and 12

Length: 1 trimester, 0.5 credit. May be repeated for credit.

Prerequisite: Successful completion of the A.P. course that you wish to be a tutor in and a completed Peer Tutor application.

Peer Tutors earn a letter grade.

- Students in this course will work as a peer tutor in an A.P. class that they have taken in the past, preferably with the same teacher that taught their class.
- Peer tutors tutor students one-on-one and in small groups, assist with class projects and other duties assigned by the instructor. See counselor for more information. **083141**

Ceramics Peer Tutor (elective credit)

Open to grades 11 and 12

Length: 1 Trimester, 0.5 credit

Prerequisite: Successful completion or concurrent enrollment in Ceramics II and completed Peer Tutor Application. Peer Tutors Earn a letter grade.

- Peer tutors will work one-on-one with students at varying levels of skill, in small groups or as directed by a supervising teacher. Tasks include creation of Pinch Pots, Slab Containers, Coil Building, Sculpture and wheel-thrown work with the effort to make the students more successful in ceramics. **0831CRPT**

Choir Peer Tutor (elective credit)

Open to grades 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Can be repeated with permission from the Director.

Prerequisite: Successful completion of the course you wish to be a tutor in, or successful completion of at least one choir ensemble at CHS, and Director approval. Peer Tutors earn a letter grade.

- Students will mentor singers one-on-one, in small groups, and act as section leaders in whichever choir they tutor.
- Tutors perform in concerts and festivals with ensembles, but are graded by a different rubric.
- Tutors will work with students in Eagle Choir, Voca Choir, and/or Coro Bella.
- Students may tutor in multiple choirs, or tutor for the same ensemble more than once.
- Interested tutors may also assist with arranging music and conducting the ensemble. **083106**

Culinary and Hospitality Peer Tutor (elective credit)

Open to grades 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Prerequisite: Successful completion of Culinary and Hospitality 3-4. Peer Tutors earn a letter grade.

- Students in this course will tutor students in Culinary and Hospitality courses one-on-one, in small groups, and in the culinary classroom.

Peer tutors will work with the students as directed by their supervising teacher to help classroom students be more successful in Culinary and Hospitality. **0831CA**

ELD Peer Tutor (elective credit)

Length: 1 Trimester, 0.5 credit

Prerequisite: Teacher recommendation and must be an Advanced or former ELD student and/or have an interest in teaching English Language Development as a career. Must complete Peer Tutor application.

Peer Tutors earn a letter grade.

- Students in this course will tutor students in ELD or sheltered classes in a variety of ways: one-on-one, small groups, and in the classroom.
- Peer tutors will work with students as directed by their supervising teacher to help classroom students be more successful in ELD or sheltered classes. **0831E9**

French Peer Tutor (elective credit)

Length: 1 Trimester, 0.5 credit

Prerequisite: Teacher or Counselor recommendation, French proficiency, or successful completion of French 1 or above, completed Peer Tutor application. Peer Tutors earn a letter grade.

Note: This course may be used to satisfy CAREER and PERSONALIZED LEARNING requirements.

Students in this course will tutor students in French one-on-one, in small groups, and in the French classroom.

Peer tutors will work with the students as directed by their supervising teacher to help classroom students be more successful in French. **083131**

Functional Living Skills Peer Tutor (elective credit)

Open to grades 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Prerequisite: Counselor recommendation and completed Peer Tutor application. Peer Tutors earn a letter grade.

- Peer tutors will work with students receiving instruction in the Multnomah ESD Functional Living Skills classroom as academic tutors and helpers.
- See your counselor for more information. **0831C1**

Language Arts Peer Tutor (elective credit)

Length: 1 Trimester, 0.5 credit

Prerequisite: Teacher recommendation and successful completion of freshman and sophomore level English. Must complete Peer Tutor application. Peer Tutors earn a letter grade.

- Students in this course will tutor students in Language Arts one-on-one, in small groups, and in the Language Arts classroom.
- Peer tutors will work with the students in varying levels of Language Arts as directed by their supervising teacher to help classroom students be more successful in Language Arts. **083121**

Math Peer Tutor (elective credit)

Open to grades 11 and 12

Length: 1 Trimester, 0.5 credit

Prerequisite: Successful completion or concurrent enrollment in Integrated Math 3A and completed Peer Tutor application.

Peer Tutors earn a letter grade.

- Students in this course will tutor students in Mathematics one-on-one, in small groups, and in the Mathematics classroom.
- Peer tutors will work with students in varying levels of mathematics, ranging from Pre-Algebra to Geometry and above. **083109**

Science Peer Tutor (elective credit)

Open to grades 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Prerequisite: Successful completion of the course you wish to be a tutor in and completion of the Peer Tutor application.

- Students in this course will work as a peer tutor in a science class that they have taken in the past with the same teacher that taught their class.
- Peer tutors will tutor students one-on-one and in small groups and will assist with laboratory activities.
- Peer Tutors earn a letter grade and may repeat the course for additional credit. **083100**

Social Studies Peer Tutor

Open to grades 10, 11, and 12 (elective credit)

Length: 1 Trimester, 0.5 credit

Peer Tutors earn a letter grade.

Prerequisite: Successful completion of the course they wish to peer tutor and completion of Peer Tutor Application.

- Students in the course will help tutor students in a social studies class in a one-on-one or small group environment.
- Peer Tutors will work with students of varying levels as directed by their Social Studies teacher. **08310SS**

Spanish Peer Tutor (elective credit)

Length: 1 Trimester, 0.5 credit

Prerequisite: Teacher or Counselor recommendation, Spanish proficiency, or successful completion of Spanish 1 or above, completed Peer Tutor application. Peer Tutors earn a letter grade.

- Students in this course will tutor students in Spanish one-on-one, in small groups, and in the Spanish classroom.

Peer tutors will work with the students as directed by their supervising teacher to help classroom students be more successful in Spanish. **083139**

Student Services Peer Tutor (Formerly Special Education Peer Tutor)

Open to grades 11 and 12 (elective credit)

Length: 1 Trimester, .5 credit

Peer Tutors earn a letter grade.

Prerequisite: Teacher and/or counselor recommendation and successful interview with Student Services staff.

- This trimester long class is designed to increase students' understanding of how disabilities affect student learning.
- Emphasis will be placed on providing academic support and modeling appropriate behavior expectations while working with students with special needs. **220229**

SUN A.P. Peer Tutor (elective credit)

Open to grades 11 and 12

Length: 1 Trimester, 0.5 credit; after school

Prerequisite: Teacher recommendation, successful completion of the A.P. course that you wish to be a tutor in and a completed SUN A.P. Peer Tutor application. Peer Tutors earn a letter grade.

- Students in this course will tutor students in Advanced Placement subjects they have taken in the past and Core subjects one-on-one and in small groups in the tutoring center (library) **after school from 2:45-5 pm** either Monday and Wednesday OR Tuesday and Thursday.
- SUN AP Peer Tutors will help students create study materials for upcoming tests, assist students in preparation for tests and quizzes, assist in revision of essays, and help answer clarifying questions regarding homework and current class work in core classes. **08314SU1**

SUN Peer Tutor (elective credit)

Length: 1 Trimester, 0.5 credit; after school

Prerequisite: Teacher recommendation, successful completion of Integrated Math 1A and 1B with a C or higher, and completion of Biology with a C or higher. Must complete SUN Peer Tutor Application. Peer Tutors earn a letter grade.

- Students in this course will tutor students in Mathematics, Biology, English, and World Studies one-on-one and in small groups in the Tutoring Center (library) **after school from 2:45-5 pm** either Monday and Wednesday OR Tuesday and Thursday
- SUN Peer Tutors will help students create study materials for upcoming tests, assist students in preparation for tests and quizzes, assist in revision of essays, and help answer clarifying questions regarding homework and current class work in core classes. **0831SU1**

Technology Peer Tutor (elective credit)

Length: 1 Trimester, 0.5 credit

Prerequisite: Successful completion of the technology class you wish to be a peer tutor in/or teacher approval and a completed Peer Tutor application. Peer Tutors earn a letter grade.

- Students in this course will work with students in technology one-on-one, in small groups and the technology classroom.
- Courses available include: Technology Applications, Graphic Design, Technology and Careers, and Digital Media, Web Design. **0831G9**

Teacher Assistant (elective credit)

Open to grades 11 and 12

Length: 1 Trimester, 0.5 credit

Prerequisite: Completed application with permission of teacher involved.

Qualifications:

- 2.5 Cumulative GPA
- On track for graduation
- No major behavioral incidents

Note: Grading is pass/fail. Students may not be a teacher assistant in more than one class, per term. This course may be repeated for up to two credits, but a student can be an assistant in only one class per term.

- Students may elect to work as a teacher assistant, performing basic clerical and/or materials production tasks for a particular staff member.
- Students must have demonstrated responsible behavior and attendance and should enjoy helping others.
- Though teachers who use assistants are expected to have daily responsibilities for them, students should be prepared to use unscheduled time for outside reading/studying. **082390**

Office Aide (elective credit)

Open to grades 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Prerequisite: Consent of Secretary or Administration. An approval form must accompany the forecasting form.

Note: Grading is pass/fail. Students may not be an assistant in more than one class per term. This course may be repeated for up to two credits, but a student can be an assistant in only one class per term.

- Working under the direction of a secretary or administrator, the student will assist in the daily operation of the office. General office work, help with mailings, delivering messages, and other office tasks will be expected. Students must be able to problem solve, work independently and interact with the public in a professional manner. **0821BT**

Guidance Aide (elective credit)

Open to grades 10, 11, and 12

Length: 1 Trimester, 0.5 credit

Prerequisite: Consent of Secretary or Administration. An approval form must accompany the forecasting form.

Note: Grading is pass/fail. Students may not be an assistant in more than one class per term. This course may be repeated for credit, up to two credits, but a student can be an assistant in only one class per term.

- Working under the direction of the counseling secretary, the student will assist in the daily operation of the office. General office work, help with mailings, delivering messages, and other office tasks will be expected. Students must be able to problem solve, work independently and interact with the public in a professional manner.
- Good attendance record.
- Special consideration will be made for ELD students and students with IEP's. **0824CB1**

Library Assistant (elective credit)

Open to grades 11 and 12

Length: 1 Trimester, 0.5 credit

Prerequisite: Completed application with permission of Library staff.

Note: Grading is pass/fail. Students may not be an assistant in more than one course at any one time. This course may be repeated for credit, up to two credits, but a student can be an assistant in only one class per term.

- Students will assist the library staff with tasks including checking in and out library materials, and shelving. **0825A1**

Advisory (elective credit)

Required course for students grades 9-12.

Length: Year

- The Advisory teacher serves as a primary contact for students and families and will help to connect them with needed school resources.
- Facilitate and support community building.
- Explore State required topics, such as College and Career Exploration, Four-Year High School Planning, Post-High School Planning and Social-Emotional Learning.
- Monitor grades and progress toward graduation requirements and complete forecasting for the following year.

9th Grade - 2210609

10th Grade - 2210610

11th Grade - 2210611

12th Grade - 2210612

STUDENT SERVICES

Communication Instruction 1A, 1B, 1C (Formerly Communication Instruction 1) (elective credit) Communication Instruction 2A, 2B, 2C (Formerly Communication Instruction 2) (elective credit)

Open to grades 9, 10, 11, and 12

Length: 3 Trimesters 1.5 credit

Prerequisite: Learning Specialist or counselor recommendation. May be repeated for credit.

- This course combines language arts and Literacy Skills, connecting learning to self-knowledge and the relationship of the individual to society.
- Using this thematic approach, students will examine their roles as members of the local, state, national, and global communities.
- The course is designed to encourage students to think, read, write, and speak about themselves and their relationships within society.

Level 1 Classes: 280511 & 208512 & 280513

Level 2 Classes: 280521 & 280522 & 280523

LSRC Math 1A, 1B, 1C (Formerly LSRC Math A) (elective credit)

LSRC Math 2A, 2B, 2C (Formerly LSRC Math B) (elective credit)

Open to grades 9, 10, 11, and 12

Length: 3 Trimesters, 1.5 credit

Prerequisite: Learning Specialist or counselor recommendation. May be repeated for credit.

- This course exposes students to functional math strategies, concepts, calculation processes, and reasoning skills.
- Skills are applied toward functional concepts such as budgeting and money, elapsed time, measurement, and reading graphs and tables.
- Students will solve a variety of problems using whole numbers, decimals, percent, fractions, ratios, positive/negative numbers, solve basic equations, word problems, and apply basic geometry concepts.

Level 1 Classes: 280211 & 280212 & 280213

Level 2 Classes: 280221 & 280222 & 280223

Supported Life Skills (SLS) (elective credit)

SLS-LA/Functional Literacy A/B/C 28044A & 28044B & 28044C

SLS- Functional Math A/B/C 28045A & 28045B & 28045C

Open to grades 9, 10, 11, and 12

Length: 3 Trimesters, 1.5 credit

Prerequisite: Learning Specialist or counselor recommendation.

Note: This is a multi-period course and will count for elective credit. This course may be repeated for credit

- This course is designed to improve functional life skills including reading, writing, math, and communication with an emphasis on life, work and leisure.
- Students work on the academic skills that will be used throughout their lifetime.
- Students may also participate in regular community outings to gain fluency in safely accessing the community.

SLS Work Skills A/B/C (Formerly Work Skills) (elective credit)

Open to grades 9, 10, 11, and 12

Length: 3 Trimesters, 1.5 credit

Prerequisite: Learning Specialist recommendation.

- Work Skills is a yearlong, elective class for students receiving Special Education services.
- It is designed to help students develop job readiness skills for school, community, and the workplace.
- Course targets include: building teamwork skills, personal management, following and using systems, job performance, academics related to job readiness, and participation in school-based service projects. 28047A & 28047B & 28047C

Supported Work Experience A/B/C (elective credit)

Open to grades 11 and 12

Length: 3 Trimesters, 1.5 Credit

Prerequisite: Learning Specialist or Counselor recommendation.

- This course is a classroom based, work exploration program. It is designed for students receiving a certificate of completion.
- Students interested in gaining work experience at a job site, on or off campus, would benefit from this structured program.
- Course targets include: exploring work traits needed for obtaining and keeping employment, identifying interests, personal skills and abilities and work preferences, exploring a variety of career-related learning experiences, and successfully completing a job shadow/placement on campus.
- Students will have the opportunity to take the Oregon Food Handler test, and then purchase the card at home. The fee for this activity will be \$10.00, and the card will last for 3 years. It is a requirement for any job involving working with or around food. 289901 & 289902 & 289903

Supplemental Career Exploration A/B/C (elective credit/career credit)

Open to grades 11 and 12

Length: 3 Trimesters, 1.5 Credit

Prerequisite: Learning Specialist or Counselor recommendation.

Note: This class may be used to satisfy CAREER and PERSONALIZED LEARNING requirements.

This course is a classroom based, career exploration program. It is designed for students receiving a modified diploma.

- Students interested in gaining work experience at a job site, on or off campus, would benefit from this structured program.
 - Course targets include: exploring work traits needed for obtaining and keeping employment, identifying personal skills and abilities and work preferences, exploring a variety of career-related learning experiences, and successfully completing a job shadow/placement on campus.
 - Students will have the opportunity to take the Oregon Food Handler test, and then purchase the card at home. The fee for this activity will be \$10.00, and the card will last for 3 years. It is a requirement for any job involving working with or around food.
- 0832SCE1 & 0832SCE2 & 0832SCE3**

Freshman Support A/B/C (elective credit)

Open to grade 9

Length: 3 Trimesters, 1.5 Credit

Prerequisite: Learning Specialist or Counselor recommendation.

This course is designed to provide specially designed instruction in the areas of reading, written language, mathematics, study skills/organization, and transition/post-secondary skills. The primary academic focus is to build on reading, writing, and mathematics skills acquired in middle school while developing the foundational skills needed for the rest of high school through a variety of instructional strategies, resources, and practice opportunities. **280701A & 280701B & 280701C**

Sophomore Support A/B/C (elective credit)

Open to grade 10

Length: 3 Trimesters, 1.5 Credit

Prerequisite: Learning Specialist or Counselor recommendation.

This course is designed to provide specially designed instruction in the areas of reading, written language, mathematics, study skills/organization, and transition/post-secondary skills. The primary academic focus is to build on reading, writing, and mathematics skills acquired in Freshman Support developing the foundational skills needed for the rest of high school through a variety of instructional strategies, resources, and practice opportunities. **280702A & 280702B & 280702C**

Junior/Senior Support A/B/C (elective credit)

Open to grade 11 and 12

Length: 3 Trimesters, 1.5 Credit

Prerequisite: Learning Specialist or Counselor recommendation. May be repeated for credit.

This course is designed to provide specially designed instruction in the areas of reading, written language, mathematics, study skills/organization, and transition/post-secondary skills. The primary academic focus is to build on reading, writing, and mathematics skills acquired in Sophomore Support while developing the foundational skills needed for the rest of high school through a variety of instructional strategies, resources, and practice opportunities. **280703A & 280703B & 280703C**

280705A & B & C SDI Persp Taking AM A/B/C

280706A & B & C SDI Persp Taking PM A/B/C

Due to State of Oregon graduation requirements, students who withdraw from CAL prior to completion MAY have to take the CTE class at Centennial High School. These situations will be dealt with on an individual basis after examining the student's CAL and CHS transcripts.



Learn alongside students who are driven and interested...like you!

To be successful, each CAL student has the determination to accomplish their goals, be willing to present new ideas, to contribute to a team, and to take responsibility for your own learning. Successful students represent all levels of learning. CAL students stand apart from their peers because of their tenacity and grit. CAL students get to work and make things happen!

CAL students build their resume *before* leaving high school!

Opportunities to solve real, workplace problems are offered while working alongside experts in the industry of your choice. Internships and problem-solving meetings with company insiders associated with local news media, manufacturing giants like Boeing, small business entrepreneurs, and health clinics are tools to build your resume.

Want college and high school credits in real time?

For two years in your chosen career program, half your day will be spent at CAL, and the other half of your day will be spent at your home high school. You remain connected to your athletic team(s) and friends at your school while gaining new friends and opportunities to network while at CAL.

Academically, **CAL candidates are most successful when two years of Math, Science, and English are completed by the end of Sophomore year.**

See your counseling department for more information regarding CAL admission.

How Do I Apply to CAL?

If you have decided that Cal is the right place for you, please follow each step of the application process in order to be considered for the program. Turn in all completed forms to your Counseling Department. Questions? Email: admissions@calcharter.org

For students completing the online application: go to www.calcharter.org. On the main page, there is an APPLY NOW link. Complete the Student Application Form including contact information and questions for you to answer.



www.calcharter.org

(503) 667-4978

1484 NW Civic Drive, Gresham, OR 97030



2022-2023 CAL Programs & Classes*

CHANGElab – Entrepreneurs creating their own business! In partnership with local business leaders and mentors, students will identify a problem and move it to a solution by creating a real business during Year One. During Year Two, emphasis is placed on growth leadership with a focus on a social action project for the community.			
<u>Year One – (AM CAL Schedule)</u> Marketing – 1.0 credit Launch Lab I – 1.0 credit Launch Lab II – 1.0 credit English – 1.0 credit	<u>Year Two (PM CAL Schedule)</u> Investing 101 - .5 credit + CHANGElab II - .5 credit CHANGElab I & II – 1.0 credit Senior Studio – 1.0 credit English – 1.0 credit	College credits available: 23 Lower Division Transfer credits	
Computer Information Systems – Gain valuable coding skills that lead directly to Tech Careers such as programming and cybersecurity. Students will learn the basics of different operating systems, networking, programming, scripting, security techniques, and ethical hacking. Students will compete in two cybersecurity competitions.			
<u>Year One – (PM CAL Schedule)</u> Introduction to Computer Science Concepts – 1.0 credit Introduction to Cybersecurity Concepts – 1.0 credit Web Development I – 1.0 credit English – 1.0 credit	<u>Year Two – (AM CAL Schedule)</u> Advanced Computer Science Concepts – 1.0 credit Introduction to Electronics and Computer Engineering – 1.0 credit Advanced Cybersecurity Concepts – 1.0 credit English – 1.0 credit	College credits available: 11 CTE credits and 16 Lower Division Transfer credits	
Health Sciences Dental – Earn certification as Dental Assistant! Learn basic patient care using dental equipment and charting, and obtain certification. Classes are aligned to college training programs for dental assistants, hygienists, lab technicians, general dentist, orthodontist, periodontist, and oral surgeon.			
<u>Year One – (AM or PM CAL Schedule)</u> Medical Terminology – 1.0 credit Medical Biology – 1.0 credit Dental Applications & Practices I – 1.0 credit English – 1.0 credit	<u>Year Two – (AM or PM CAL Schedule)</u> Anatomy & Physiology – 1.0 credit Dental Radiology – 1.0 credit Dental Applications & Practices II – 1.0 credit English – 1.0 credit	College credits available: 6 CTE credits and 20 Lower Division Transfer credits	
Fab Lab – Fashion, Art, and Branding Students in the Fashion, Art, and Branding Lab (FAB Lab) will create clothing, accessories and wearable technology.			
<u>Year One – (AM CAL Schedule)</u> Fashion Sewing and Construction I – 1.0 credit History of Fashion – 1.0 credit Fashion Sewing and Construction II – 1.0 credit English – 1.0 credit	<u>Year Two (PM CAL Schedule)</u> Fashion Entrepreneurship – 1.0 credit Fashion: Visual Presentation – 1.0 credit Senior Studio – 1.0 credit English – 1.0 credit	College credits available: 16 Lower Division Transfer credits	
Digital Media & Design – Build a professional portfolio! Learn to create and design graphics, photography, broadcast television/podcast shows using state of the art digital photo and film/video equipment. Work alongside experts in the creative services industry!			
<u>Year One – (AM or PM CAL Schedule)</u> Digital Photography & Imaging – 1.0 credit Web Development - .5 credit + Marketing - .5 credit Video Production – 1.0 credit English – 1.0 credit	<u>Year Two (AM or PM CAL Schedule)</u> Senior Studio – 1.0 credit Digital Art I & II – 1.0 credit Graphic Design – .5 credit + Advertising .5 credit English – 1.0 credit	College credits available: 5 CTE credits and 20 Lower Division Transfer credits	
Health Sciences Medical – Earn Medical Assistant credential and certifications for First Responders! Learn in an industry grade hospital lab, learn real patient care skills, and participate in work-based learning and simulation. You leave the medical program ready to pursue a future in healthcare!			
<u>Year One – (AM or PM CAL Schedule)</u> Medical Terminology I – 1.0 credit Medical Biology – 1.0 credit Applications & Practice in Health Care I – 1.0 credit English – 1.0 credit	<u>Year Two – (AM or PM CAL Schedule)</u> Anatomy & Physiology – 1.0 credit Healthcare Experience – 1.0 credit Healthcare Innovation – 1.0 credit English – 1.0 credit	College credits available: 6 CTE credits and 20 Lower Division Transfer credits	
Mechanical Engineering & Manufacturing – In partnership with local experts, learn to design (CAD) and produce solutions to problems like an Engineer! Use of hand tools, measuring devices, welding, and milling metals. Program approved as Pre-Apprenticeship! Access earned hours at Cascade Corporation!			
<u>Year One – (AM CAL Schedule)</u> Computer Aided Design I (CAD) – 1.0 credit Manufacturing Lab I – 1.0 credit Introduction to Engineering – 1.0 credit English – 1.0 credit	<u>Year Two – (PM CAL Schedule)</u> Computer Aided Design II (CAD) – 1.0 credit Manufacturing Lab II – 1.0 credit Senior Studio – 1.0 credit English – 1.0 credit	College credits available: 5 CTE credits and 20 Lower Division Transfer credits	
CAL Morning Schedule		CAL Afternoon Schedule	
A day - Periods 1 & 2	B day - Periods 5 & 6	Home High School Morning Schedule – Periods 1-2	
Home High School Afternoon Schedule – Periods 4-5		A day - Periods 3 & 4	B day - Periods 7 & 8

*All classes are subject to change due to articulation agreements with MHCC and incoming enrollment

Athletic/Activity Eligibility

The athletics/activities code requires that students in athletics, and any activity that performs or competes for CHS, must meet specific academic requirements. To be eligible to try out for a team/activity, students must have been in regular school attendance as a full-time student (minimum 4 classes) during the trimester immediately before the season of competition.

A participant must be enrolled in five or more classes AND making satisfactory progress towards meeting CHS graduation requirements. Satisfactory progress is defined by the OSAA as follows: Prior to 10th grade a student must have earned 4.5 credits, prior to 11th grade, 10 credits, and prior to 12th grade, 17 credits. A student not meeting these OSAA targets will be ineligible for the entire school year.

If a student earned a 2.0 GPA or lower during the trimester before athletic/activity competition, but passed the minimum number of classes (see above) for eligibility, the student will be placed on academic probation during the current sports season. Required grade checks and weekly meetings with the athletic director will be mandatory. Failure to turn in the weekly grade check form, or failure to improve upon his/her grades, will result in a one-week suspension from athletic competition. The student can regain eligibility the following week if minimum academic requirements are met.

If a student failed two classes the preceding trimester, but passed the minimum number of classes for eligibility, the student will be placed in mandatory late start study hall during the season in which he/she is competing. Failure to attend mandatory late start study hall, or failure to study in study hall, will result in a one-week suspension from athletic competition. The student can regain eligibility the following week if the student attends study hall.

Seniors who are involved in Athletics must take a minimum of **Four** classes plus Advisory per Trimester. See the Athletic Director with any questions. All students interested in sports need to see the Athletics Office for information, practice and sign-ups.

CHS Clubs/Activities

Anime Club
Arabic Student Club
Black Student Union (BSU)
Chess Club
Close Up
College Possible
Community 101
Dungeons & Dragons
Early Escalera
Equestrian Club
Equity/Culture Club
[FBLA \(Future Business Leaders of America\)](#)
Film Club
Fishing Club
Gender Sexuality Alliance (GSA)
Hip Hop Don't Stop
Human Trafficking Awareness Club (HTAC)
Interactive Media Club
Key Club
K-Pop Dance
MEChA
MESA
NHS (National Honor Society)
Pacific Islander Club
Racquetball Club
Robotics
Speech and Debate
Table Tennis/Ping Pong
Thespians
Triathlon
Ultimate Frisbee
Youth Transition Program

Pass/Fail Policy

Each year, a student may choose to take one credit of an elective course on a “pass/fail” basis, for which a grade of P or F is awarded. This may involve yearlong or trimester courses. The student must complete required courses in math, science, and world language before exercising the pass/fail option in those subject areas. If the student meets the minimum requirements for “passing” the course, he/she will be given credit with a “P” which doesn’t impact GPA. This policy has been established to encourage students to enroll in courses which are of interest to them, but which they might otherwise avoid because of grade/GPA concerns. Please be aware that some colleges and the NCAA only recognize letter grading (A-F).

The following conditions apply to the pass/fail policy:

1. Any **elective** course in the curriculum may be selected. You must complete the required courses in math, science, and world language before exercising the pass/fail option in those subject areas.
2. Once a choice has been made, the student is expected to do the work of this course. If the student has met the course standards for a passing mark at the end of the trimester, he/she shall be given a grade of “P” (pass), but if he/she has failed to meet the minimum passing standards an “F” shall be recorded.
3. A “P” grade will enable the student to receive full credit, but the course will not be included in the computation of the cumulative grade point average. An “F” grade will not earn any credit, and will be included in the computation of the grade point average.
4. The deadline for completing the pass/fail application will be the **9th week** of each trimester.
5. Pass/fail applications are available in the Counseling Center and require the signature of the student, teacher, parent, and counselor.

Late Arrival/Early Dismissal

Note: Availability of classes and staff, optimum class sizes, and instructional needs of the majority of students shall take priority over individual requests for Late Arrival/Early Dismissal.

All students are encouraged to take advantage of the educational opportunities available to them in school as well as in the community. Some opportunities might exist for students during the regular school day that would require a late arrival or early dismissal from school. These could include internship or mentoring programs, job shadowing experiences, classes at other schools, and cooperative work options.

Partial schedules are arranged through the counselor, preferably at forecasting time, and only with parent permission. Seniors must take a minimum of 3 in-school classes plus Advisory. Juniors must take a minimum of 4 in-school classes plus Advisory. Freshman and Sophomores will be enrolled in 5 classes plus Advisory. Students involved in activities or athletics must still meet the co-curricular guidelines. Please check with the Athletics and Activities Directors to make sure you are enrolled in enough classes to stay eligible.

A student will be scheduled for a period of dismissal that is compatible with the students’ class schedule; a particular period cannot be guaranteed.

Early Graduation

At Centennial High School, we strongly believe a four-year high school experience is very beneficial for success in post-secondary education and life goals. However, if a student wishes to graduate earlier they must first meet with their counselor to discuss their plan.

Students who want to graduate **at the end of their junior year must complete an early graduation plan by May 1 of their sophomore year.**

Students who want to graduate **at the end of the first or second trimester of their senior year are advised to complete an early graduation plan by December 1 of their junior year.** Commencement exercises are held in the spring of each year for all eligible graduates; there is no mid-year ceremony.

Applications for early graduation are available in the Counseling Center. Students must meet with counselors to initiate the application process, and parents must attend a conference to discuss the plan and how the student will meet graduation requirements. Class availability may limit early graduation opportunities.

Schedule Change Policy

The master schedule of courses, including the number of sections of each course, as well as the period in which each section is offered, is determined by the choices students make at forecasting time. Once students make their selections and the master schedule is developed, it is difficult to change schedules. There are exactly enough sections of a course to accommodate those students who forecasted for that course, so it is very important that each student makes choices carefully.

A student may not add a class after the first 7 days of the trimester. A student who drops a class after the 15th day of the trimester will receive an "F" for the trimester.

Talented and Gifted Program (TAG)

Centennial High School subscribes to the belief that Talented and Gifted (TAG) students should be challenged and taught at their appropriate rate and level. We encourage students and parents to contact the student's teachers, counselor, or the building TAG coordinator to discuss specific accommodations that might be appropriate.

Special Education

Students on Individual Education Programs (IEPs) are included in the regular curriculum to the greatest extent possible. They will receive instructional support, as needed, in a variety of ways. Support services provided are determined individually, based on students' performances and needs. Common services provided include, but are not limited to, the following:

1. Pull-out or push-in support in the general education classroom.
2. Educational Assistant support in the classroom.
3. Consultation with classroom teachers regarding accommodations and modifications of curriculum.
4. Assistive technology when appropriate.
5. Monitoring student performance.

When inclusion in the general education classroom is deemed contrary to the student's best interest, alternative classes are available. Typically these classes have been offered in the areas of mathematics, literacy/written language/communication, and supplemental vocational experiences.

Credit Recovery, Evening, and Summer School Programs

Centennial High School offers credit recovery during the day (as available), after school, and during the summer.

A student who has failed a required class can recover the credit by attending the Summer School Program at Mt. Hood Community College or through an accredited educational program as verified and approved by the counselor prior to taking the course. Summer and Evening High School instructors assign grades. Students interested in registering for these programs should see their counselor.

Credit Earned Outside of Centennial High School

Off-campus courses are defined as courses offered at another accredited institution (e.g., college courses, or courses taken through accredited programs).

1. All off-campus courses must be pre-approved through the student's counselor prior to enrollment to qualify for CHS Credit. Applications are available in the Counseling Center.
2. Off-campus courses will not be substituted for a required course.
3. Economic circumstances will not be a barrier to accessing college-credit opportunities in the Centennial School District. Students and/or Guardians should speak with their counselor about possible options with regard to fees associated with accessing college credit opportunities.
4. No student may earn more than four credits off-campus.
5. Courses offered at Centennial may not be taken for credit at other institutions unless that course is taken to make-up a failed requirement or as a means of meeting prerequisites for a higher-level course.
6. Pre-approved courses taken at any college will be counted on the basis of 3 quarter hours = .5 unit of high school credit, except world language. The student must pay all expenses for courses taken at other institutions.

With the exception to Middle College, a maximum of 4 credits may be earned outside CHS. This includes any combination such as outside credit, or credit earned at any school or educational program accredited through the Northwest Association of Schools and Colleges. Credits from other nationally or regionally recognized associations may also be approved. Students need to get approval to receive credit at CHS for courses taken off campus from their counselor.

Students Leaving Prior to the End of the Trimester

Pre-Arranged Absences:

1. Parents/guardians must submit in writing to an assistant principal the reason(s) for requesting their student be excused from school prior to the last day of the trimester.
2. The assistant principal will review all written requests. The assistant principal will contact teachers of the student to inform them of approved pre-arranged absences.
3. Students and their parents/guardians must then work with teachers to arrange when last assignments will be turned in and when finals will be taken.
4. If the student is moving away from the Portland metropolitan area, the assistant principal, counselor, and teacher(s) will determine how the student must take trimester tests and complete other course requirements. Students who are moving to another district must also make sure to withdraw from school properly.

Unanticipated, EXCUSED Absences:

Students must make every effort to take exams during finals week. However, in the event of a student's serious illness or a death in the family, the following rules apply:

1. If a student is missing one or more final exam(s), parents/guardians must immediately inform the attendance office and, when possible, teachers of the affected classes.
2. Teachers will review the situation to determine the best course of action for the student to successfully complete the coursework.

IN EITHER OF THE ABOVE CASES:

If a student fails to complete a course (e.g. does not take the final exam), the teacher averages a failing grade for the missing work and awards a final grade for the course at the time grades are normally submitted. If it is determined that the student's absence is excused, then the student will be given the opportunity to raise the grade by completing the missing work. Coursework and finals must be completed and grade changes submitted by teachers within one school week of the last day of the trimester.

Participation in Commencement and Senior Year-End Activities

Only students who have completed the requirements for a graduation certificate may participate in Commencement.

1. Student participation in senior year-end activities, including commencement, is optional.
2. **It is the responsibility of each student to clear all outstanding accounts regarding FEES and FINES prior to participating in senior year-end activities. No student will be permitted to participate in senior year-end activities INCLUDING THE COMMENCEMENT PRACTICE AND CEREMONY, while there are fees or fines outstanding.**
3. Any student not participating in commencement may pick up his/her diploma, modified diploma or certificate of completion at the main office on the first school day following commencement.

Counselors will initiate a conference with each senior who is ineligible to participate in commencement as soon as it is determined that he/she has not met the requirements for a diploma or certificate. When the counselor becomes aware a student will not graduate, the counselor will notify the parents/guardians.

Proficiency Based Learning

The Oregon State School Board of Education has approved the ability to earn a diploma through a "wider use of proficiency" in Oregon schools. With adoption of this policy, credit for courses can potentially be earned if a student can "demonstrate proficiency inside or outside the classroom, through documentation of prior learning, by examination, or by any combination thereof."

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