

OVERLAND HIGH SCHOOL

Course Registration Guide
2026–2027

PHOTO CREDIT: CHERRY CREEK SCHOOLS

Dedicated to Excellence
Cherry Creek Schools

Overland High School

Registration Guide

Table of Contents

Section	Page
Introduction	
• Overland Course Catalog Welcome	I
• Registration Procedures	II
• Schedule Correction Policy	III
Requirements	
• Graduation Requirements/Achievement Recognitions	V
• My Career and Academic Plans (MyCAPs)	VIII
• NCAA Eligibility Requirements	IX
Advanced Coursework Opportunities	
• Advanced Coursework: Advanced Placement and Honors Courses	XI
• Advanced Coursework: Concurrent Enrollment Courses	XII
Post-Secondary Readiness	
• Career Concentration Pathways	XIII
• What are Colleges Looking For?	XC
Departments and Course Offerings	
• English Language Arts	2
• Mathematics	9
• Science	15
• Social Studies	20
• World Languages	26
• Business & Marketing	30
• English Language Acquisition (ELS)	33
• Family and Consumer Sciences	38
• Performing Arts	42
• Physical Education and Health	47
• Student Achievement Services	51
• Technology	56
• Visual Arts	61
• Special Programs and Support Classes	65
Closing	
• Thank You Letter from Administration	68
Additional Information	
• Cherry Creek Pathways at Overland	Appendix A
• Cherry Creek Innovation Campus	Appendix B
• CTE Districtwide Courses	Appendix C
• Concurrent Enrollment	Appendix D
• TREP Program	Appendix E
• CCSD Work-Based Learning (WBL)	Appendix F

Overland Course Catalog Welcome

The faculty and staff at Overland High School have made ***Blazer Great, Blazer Proud, Blazer Excellent*** not only a mantra, but an unwavering expectation. As an educational community, Overland is accredited by the North Central Association of Secondary Schools and Colleges and the Colorado State Department of Education. Recently, U.S. News and World Report has listed Overland High School as one of the nation's top high schools every year since 2020. Overland has historically been recognized on the AP School Honor Roll for developing an Advanced Placement program that creates a college-going culture and gives students opportunities to earn college credit and to maximize their college outcomes.

With the goal of preparing students for the demands of this new millennium, Overland offers Advanced Placement courses and concurrent enrollment courses in the areas of English, Social Studies, Mathematics, Science, Visual Arts, Business, World Languages, and Technology. Successful completion of these offerings will meet both college-level credit and high school graduation requirements. Some courses are designed to lead to certifications in a content area, allowing students to receive one of two diplomas: our standard Cherry Creek School District Diploma or our Institute of Science and Technology Diploma.

The courses a student selects in high school can significantly impact his or her options for the future. It is our goal to help our students make informed and knowledgeable decisions regarding their high school programming. We encourage students to take the most rigorous courses available to ensure college success and workforce readiness. By creating an environment of rigor and academic excellence, our students will continue to thrive to be ***Blazer Great, Blazer Proud, Blazer Excellent.***

Overland is committed to providing innovative educational opportunities, promoting academic excellence, and empowering our students to become leaders in our local, national, and global society.

Registration Procedures

This course guide contains the requirements you must meet to register for classes at Overland High School. It contains descriptions of all the courses that will be offered, and specifics on which courses will be available for the 2026-2027 school year. First, study the graduation requirements, college entrance requirements, Advanced Placement Program information, and the recommended courses for you/your student. Then, review the course offerings and plan your own course of study with your parents. Your choice of courses should be based on graduation requirements, teacher recommendations, your interests and abilities, past achievements, and your post high school plans. When selecting courses, you will notice some have letters or symbols which indicate the following:

(*) indicates weighted course credit

CE indicates Concurrent Enrollment course

It is important to note that some of the elective courses listed in this guide may not be offered if the number of students requesting the courses is insufficient. We ask that each student select alternate elective choices in case your first choice cannot be offered. Please think carefully about your course selections for next year. Talk to your teachers and counselor if you need advice. Counselors, faculty and Administration are available to offer assistance in your decision-making process.

FOLLOW THESE STEPS TO REGISTER:

1. Refer to pages 6 and 7 for information pertaining to all graduation requirements and degree options.

2. Each student will receive a Registration Guide for family consideration and will have access to a course description and registration guide online.

3. Each student must complete registration through PowerSchool for the 2026-2027 school year. Students at Overland will complete a computer registration process to input course requests in January/February. Students at Prairie will meet with counselors and complete registration during the month of January/February.

4. Ninth graders must enroll in a minimum of 7 and 1/2 credits, plus Blazer 101. Tenth graders must enroll in a minimum of 7.0 credits. Eleventh graders must enroll in a minimum of 6.0 credits. Twelfth graders must enroll in a minimum of 5.0 credits. All students are required to take four core classes each semester. (*Overland High School will develop a master schedule of courses based upon pre-registration requests.)*

5. Choose your courses and alternate courses carefully as elective schedule change opportunities cannot be accommodated in most cases. It is expected that students will take the courses they request.

Schedule Correction Policy

Students are expected to make their course selections during the registration window in the spring semester of each school year. These course selections represent decisions that are made collaboratively with the student, teachers, the student's counselor, and the student's parents. Based upon these requests, faculty members are employed, sections are created, textbooks are purchased, and rooms are allocated. *The schedules students receive in August reflect these requests and are set for the entire school year.*

Schedule Correction Deadlines

Schedule Repairs	First week of the semester
Withdraw Pass/Withdraw Fail Window	Beginning of week 2 to end of week 4 of semester
Drop F Window	Beginning of week 5
Level change to higher-level course	Beginning of semester-first 5 weeks
Level change to lower-level course	Weeks 3-7 of semester

Attendance and ALL Schedule Corrections

Students are responsible for attendance and grades in the *originally scheduled* class until the change is confirmed in PowerSchool. It is the student's responsibility to confirm any schedule changes with their counselor or on Powerschool before attending the new class.

Schedule Repairs

Students may meet with their counselor to address the following schedule error corrections:

- Student does not have the prerequisite to take a scheduled class
- Student has already passed the class and it is not a repeatable class
- Level changes (requires a fully completed Level Change Form. See below for procedure)
- Error in the schedule (Missing a core class or short the required number of classes)
- Additional classes to meet college/requirements/graduation requirements

Requests that will NOT be considered:

- Elective changes
- Teacher changes
- Periods off/lunch preferences
- Changes to accommodate parent/student work schedules

2nd Semester Schedule Repairs (Must meet the criteria above)

- Scheduling errors can be addressed in via the online request form shared by counseling

Schedule Correction Policy

Course Withdraw Pass and Withdraw Fail

If there is a need to drop a class during the first four weeks of the semester, a WP/WF form will be required.

· When a student, despite their own significant efforts is unable to continue satisfactorily in a class, the student's teacher may initiate a WP/WF request on the student's behalf. The process is completed upon final approval of the Department Coordinator, student's parent, and counselor.

· A grade of WP/WF will be entered on the student's transcript as an indication of work attempted

· WP/WF will not be calculated into the student's cumulative grade point average.

· If the drop makes the student short the required number of courses, the student will not be allowed to drop the class.

Drop F

After the fourth week of the semester, a student requesting to drop a class will receive an F on their transcript

· The student must obtain a Drop F form from their teacher.

· A permanent grade of F will be recorded on the transcript and negatively impacts the student's GPA

· If the drop makes the student short the required number of courses, the student will not be allowed to drop the class

· Drop with an F form must be approved by Department Coordinator and must also be signed by the student's teacher, parent, and counselor

Level Changes

A level change is appropriate only if it is determined that the student is either above or below the current academic level of the class. The decision to change levels is made by the teacher, parent, and the student. As students were allowed to select their core classes in the spring, any student who wishes to level change down must remain the class for three weeks before a level change will be considered. Students who wish to level change up may initiate the level change process immediately.

If a level change is appropriate, the procedure below should be followed:

· The student must first discuss the level change with their teacher. If the teacher agrees with the change, they will send the student to the Department Coordinator.

· If the Department Coordinator also agrees with the level change, they will provide the student access to the Level Change Form

· The process is completed upon final approval of the Department Coordinator, student's parent, and counselor.

· Before the level change process may begin, the student must have completed all homework, assignments, and tests to the best of their ability and must have sought assistance from the teacher

· The letter grade at the time of the level change accompanies the student to the new class

· Level changes are only for core classes (i.e. chemistry honors to chemistry)

Graduation Requirements/Achievement Recognitions

The Overland–Prairie Campus is committed to creating a path for every student to be ***Blazer Great, Blazer Proud, and Blazer Excellent.*** As part of this commitment, several levels of additional diploma & achievement recognition for students to earn during their time on our campus. The minimum total requirements are the CCSD graduation requirements of 22 credits and the proficiency standards. Students may participate in an Overland High School graduation ceremony only when **all** of the Cherry Creek Graduation Requirements have been completed. Students who must attend summer school to complete **all** of their graduation requirements are eligible to participate in a summer commencement held in August. The Cherry Creek School District strongly encourages students to participate in a rigorous academic core curriculum.

Cherry Creek schools "commitment to the core" asks students to complete 4 credits in each of the four "core" areas of education: English, Mathematics, Science and Social Studies. Additionally, 2 credits or more of World Language are strongly encouraged.

Overland High School requires all freshmen, sophomores and juniors enroll in a minimum of four (4) core credits each year. Seniors must enroll in a minimum of 4 core credits or a minimum of three (3) AP courses. In addition, Overland recognizes World Languages as a part of the Academic Core and strongly recommends that students complete, at a minimum, based on university requirements, level 2 or 3 of a world language. Any consideration of a waiver of these expectations will be approved on an individual basis by the principal or administrative designee. Academic waiver requirements must be submitted in advance.

Graduation Requirements/Achievement Recognitions

Overland High School Diploma:
Cherry Creek School District Graduation Requirements

The following describes the minimum requirements needed for a standard Cherry Creek high school diploma.
·4 credits of English
·3 credits of Mathematics
·3 credits of Science
·3 credits of Social Studies (must include 1 credit of U.S. History and .5 credits of Government).
·1.5 credits of Physical Education
·.5 credits of Health
·1.5 credits of Practical and Fine Arts Electives
·5.5 credits of Electives (Including World Languages)
Completion of Competencies in Reading/Writing/Communicating and Mathematics

Institute of Science and Technology (IST) Diploma*

Criteria for IST Diploma:

- Overland Distinguished status
- Completed career concentration
- Completion of the following requirements:
  - Average (unweighted) G.P.A. 3.8/4.0
  - Top 1/3 class rank
  - ACT Composite 29 (minimum 28 math, 28 science)
  - SAT 1300 (minimum 670 math)
  - Choose 1 or more from the following electives:
    - Computer Programing
    - Architectural or Engineering Drafting
    - AP Biology
    - AP Chemistry
    - AP English
    - AP Social Studies

To earn the status of IST Diploma, a student must complete the above requirements and a chosen IST Career Concentration pathway. Students who achieve at this level will open doors to many prestigious universities across the country. These students will also be considered IST Scholars.Institute of Science and Technology Diploma recipients will be recognized with a cord at graduation.[DF1]

Graduation Requirements/Achievement Recognitions

Blazer Citizen Recognition*

Recognizing our globally minded students whose high achieving performance and commitment in the academic cores allow them a greater opportunity in post-secondary choices and community engagement.

- Unweighted G.P.A. of 3.0+
- SAT minimum score of 1060 &/or ACT composite score of 21
- 24.5 total credit requirement - consisting of
  - **4 credits of English**
  - **4 credits of Mathematics (Algebra 1 and higher)**
  - **3 credits of Science (2 of which must be lab based)**
  - **3 credits of Social Studies**
  - **2 credits or more of World Language or demonstration of bilingual fluency**

Distinguished Achievement Program Recognition*

Distinguished Achievement Scholar Status will be conferred after seven semesters in January of the senior year and achievers will be recognized at Graduation.

- Met all criteria to receive Blazer Citizen Diploma
- Demonstrated academic scholarship in at least three AP courses
- Achieved a cumulative unweighted GPA of 3.75 or above by the end of seven semesters
- Demonstrated evidence of 100 hours of community service
- Demonstrated evidence of school involvement in the arts, in student activities, or in athletics
- Demonstrated good citizenship (no major violations within school policy)

Industry Scholar*

Students at Overland High School are afforded unique opportunities to complete a variety of career concentrations stemming across a variety of STEAM pathways and leading industry fields. To achieve the status of Industry Scholar, a student must complete their chose Career Concentration Pathway at the top level while maintaining a high GPA in their chosen field. Eligible students must apply with their counselor during their seventh semester.

- Meet with counselor to discuss pathway and the four-year plan (MyCap) using the proposed plan of study
- Complete the Career Candidate application
- Successfully complete the top level of their Career Concentration and/or corresponding Internship during junior or senior year
- Have a minimum of 3.0 unweighted GPA in their Career Concentration

*** Students who successfully complete these diplomas and achievement recognitions will be specifically recognized at graduation.**

My Career and Academic Plans (MyCAPS

Every Overland student will build their MyCAP throughout their time in high school.

MyCAP is an individualized plan that is developed by students and their parents or guardians, in collaboration with school counselors and educators. The ICAP will help students:

- establish personalized academic and career goals
- explore postsecondary career and educational opportunities
- align course work and curriculum
- apply to postsecondary institutions
- secure financial aid, and ultimately
- enter the workforce or school

MyCAP Quality Indicators

The following are areas that students should explore, experience and use to apply their knowledge, skills, aptitudes, abilities and awareness to be career and college ready.

Self-Awareness - Understand how unique interests, talents and aspirations play a role in decision-making and interpersonal relationships and how individual thoughts and feelings get students excited about life and learning.

Career Awareness - Know the difference between jobs, occupations, and careers. Articulate a wide range local, regional, national and global career pathways and opportunities. Consider economic and cultural influences and the impact of stereotypes on career choice.

Postsecondary Aspirations - Participate in career exploration activities centered on students' passions, interests, dreams and visions of their future self and perceived options.

Postsecondary Options - Be aware of, and participate in, a variety of postsecondary and career opportunities. Use tools such as career clusters, personality assessments and learning style inventories to highlight individual strengths and capabilities.

Environmental Expectations - Consider how school, family, community, culture and world view might influence the students' career development and postsecondary plans.

Academic Planning - Apply the skills and knowledge necessary to map out and pass the academic courses required to achieve postsecondary goals.

Employability Skills - Define, develop and hone skills that increase the likelihood of becoming and remaining successfully employed and civically responsible citizens.

Personal Financial Literacy – To have an awareness of and be able to articulate the cost of postsecondary options and apply this awareness to their postsecondary career and academic planning process.

Initial-Eligibility Standards

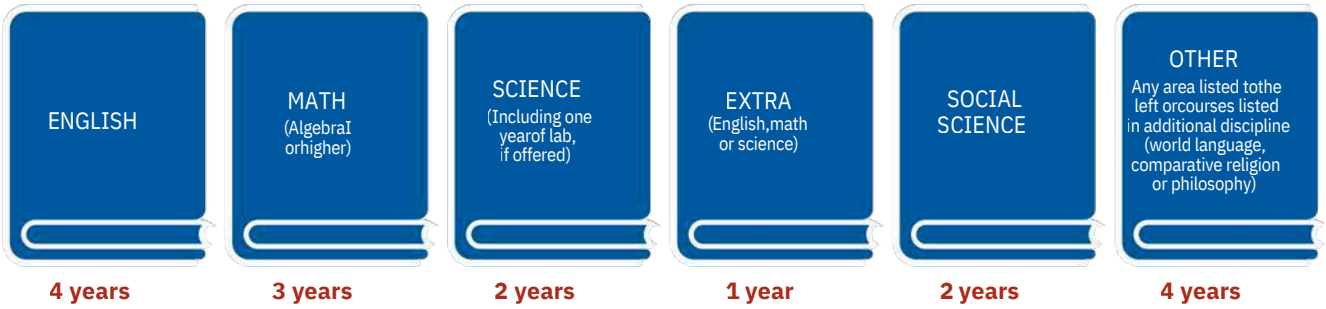
If you want to compete in NCAA sports, you need to register with the NCAA Eligibility Center at **eligibilitycenter.org**. Plan to register before your freshman year of high school. For more information on registration, visit **on.ncaa.com/RegChecklist**.

Academic Requirements

Division I and II schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet the following requirements:

Division I

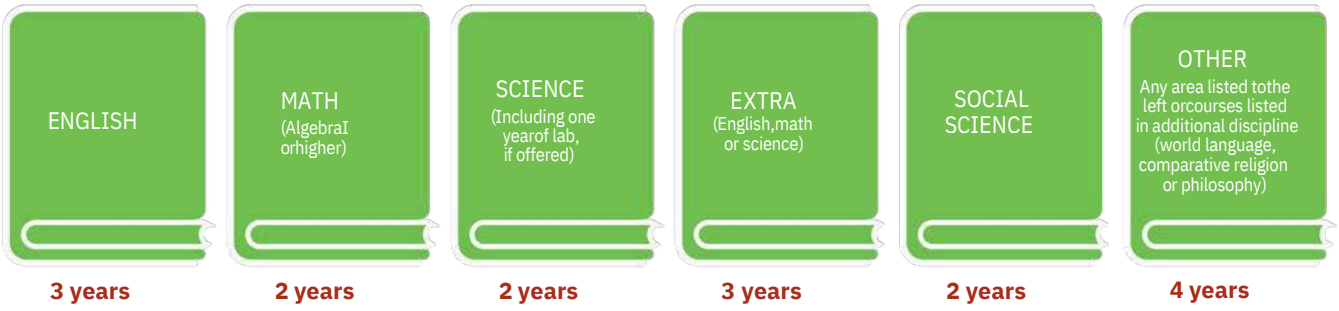
1. Earn 16 NCAA-approved core-course credits in the following areas:



2. Complete your 16 NCAA-approved core-course credits in eight academic semesters or four consecutive academic years from the start of ninth grade. If you graduate from high school early, you still must meet core-course requirements.
3. Complete 10 of your 16 NCAA-approved core-course credits, including seven in English, math or science, before the start of your seventh semester. Once you begin your seventh semester, any course needed to meet the 10/7 requirement cannot be replaced or repeated.
4. Earn a minimum 2.3 **core-course GPA**.
5. Ask your high school counselor to upload your **final official transcript** with proof of graduation to your Eligibility Center account.

Division II

1. Earn 16 NCAA-approved core-course credits in the following areas:



2. Earn a minimum 2.2 **core-course GPA**.
3. Ask your high school counselor to upload your **final official transcript** with proof of graduation to your Eligibility Center account.

Division III

While **Division III schools** set their own admissions and academic requirements, **international student-athletes** (first-year enrollees and transfers) who are enrolling at a Division III school after Aug. 1, 2023, must be certified as an amateur by the Eligibility Center. Contact the Division III school you plan to attend for more information about its academic requirements.

GRADE 9
REGISTER

» If you haven't yet, **register** for a free Profile Page account at **eligibilitycenter.org** for information on NCAA initial-eligibility requirements.

» Use NCAA Research's **interactive map** to help locate NCAA schools you're interested in attending.

» Find your high school's list of NCAA-approved core courses at **eligibilitycenter.org/courselist** to ensure you're taking the right courses, and earn the best grades possible!

GRADE 10
PLAN

» If you're being actively recruited by an NCAA school and have a Profile Page account, **transition** it to the required **certification account**.

» Monitor the **task list** in your NCAA Eligibility Center account for next steps.

» At the end of the school year, ask your high school counselor from each school you attend to upload an official transcript to your Eligibility Center account.

» If you fall behind academically, ask your high school counselor for help finding **approved courses** you can take.

11
STUDY

» Ensure your **sports participation** information is correct in your Eligibility Center account.

» Check with your high school counselor to make sure you're on track to complete the required number of NCAA-approved **core courses** and graduate on time with your class.

» Share your **NCAA ID** with NCAA schools recruiting you so each school can place you on its **institutional request list**.

» At the end of the school year, ask your high school counselor from each school you attend to upload an official transcript to your Eligibility Center account.

12
GRADUATE

» **Request your final amateurism certification** beginning April 1 (fall enrollees) or Oct. 1 (winter/spring enrollees) in your Eligibility Center account at **eligibilitycenter.org**.

» Apply and be accepted to the NCAA school you plan to attend.

» Complete your final NCAA-approved **core courses** as you prepare for graduation.

» After you graduate, ask your high school counselor to upload your final **official transcript** with proof of graduation to your Eligibility Center account.





CONTACT THE NCAA ELIGIBILITY CENTER
U.S. and Canada (except Quebec):
877-262-1492 (toll free), Monday-Friday
9 a.m. to 5 p.m. Eastern time

@ncaaec @ncaaec @ncaaec @playcollegesports

NCAA ELIGIBILITY CENTER

NCAA is a trademark of the National Collegiate Athletic Association. September 2023.

X

Advanced Coursework : Advanced Placement and Honors Courses

Advanced placement classes are offered in the English, Social Studies, Mathematics, Science, Visual Arts, Performing Arts, Technology, and World Language Departments. These classes are the equivalent of freshman college courses and if the advanced placement exam scores are appropriate, courses will be awarded college credit.

The Cherry Creek School District offers students and parents the opportunity for a transcript that reflects a weighted grade point average and an unweighted grade point average. Weighted grades are given in those courses designated as either honors, accelerated or advanced placement. The difference between weighted and unweighted grades in terms of grade point value is as follows:

Unweighted & Weighted Grades ***Eligibility for Athletics/Activities is based on unweighted grades***	
UNWEIGHTED GRADE POINTS A = 4 grade points B = 3 grade points C = 2 grade points D = 1 grade point F = 0 grade points	**WEIGHTED GRADE POINTS** A = 5 grade points B = 4 grade points C = 3 grade points D = 1 grade point F = 0 grade points

English
English 9 Honors
English 10 Honors
AP Seminar
AP Language & Composition
AP Literature & Composition

Social Studies
AP Human Geography
AP World History
AP U.S. History
AP U.S. Government & Politics
AP African American Studies
AP Macroeconomics

Mathematics
Geometry Honors
Algebra 2 Honors
AP Precalculus
AP Statistics
AP Calculus AB
AP Calculus BC

Science
Biology Honors
Chemistry Honors
AP Environmental Science
AP Biology
AP Chemistry
AP Physics 1
AP Physics C

World Languages
Chinese 4 Honors
French 4 Honors
Spanish 4 Honors
AP Chinese Language & Culture
AP French Language & Culture
AP Spanish Language & Culture
AP Spanish Literature & Culture

Electives
AP Studio Art- Drawing
AP Studio Art - 2D
AP Studio Art - 3D/Fashion
AP Computer Science Principles
AP Computer Science A
AP Business & Personal Finance

All courses above qualify for weighted grades.

Advanced Coursework: Concurrent Enrollment
Advanced Coursework: Dual Enrollment

Overland campus offers numerous Concurrent Enrollment and Dual Enrollment credit courses in the Cherry Creek School District. Educators who are endorsed in both college and 6-12 academic institutions teach concurrent enrollment courses. Upon approval and successful completion, students will receive college-level credit and meet high school graduation requirements. Some courses are designed to lead to certifications in a content area.In partnership with our greater community, we are an extended campus of the Community College of Aurora and Arapahoe Community College.

English

*CE English Composition I
*CE English Composition II
*CE Intro to Literature I
*CE Lit:Race, Ethnicity, & Culture
*CE Technical Writing / CP
Innovator's English C

Social Studies

*CE US Hist to Reconstruction
*CE US History Since Civil War
*CE American Government
CE Comparative Government

Science

*CE Physical Geology w/ Lab

Mathematics

*CE Math for Liberal Arts
*CE Intro to Statistics
*CE College Algebra w/ Lab
*CE College Algebra
*CE College Trigonometry
*CE Calculus 3
*CE Differential Equations

Electives

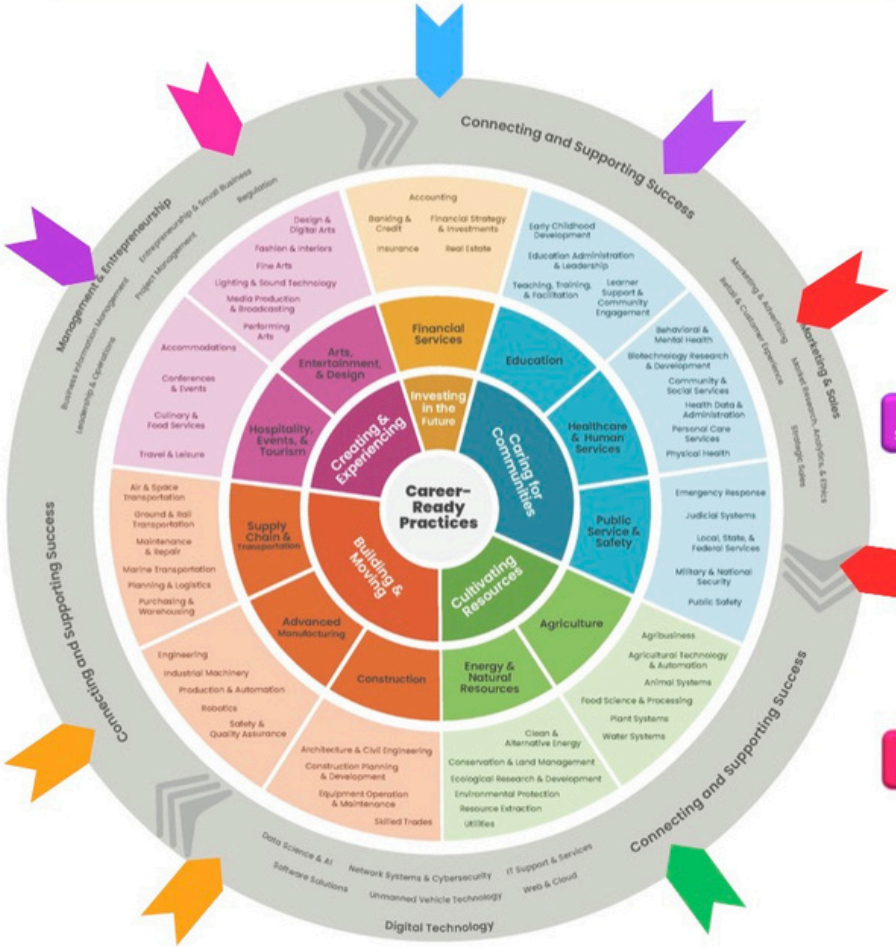
CE Competitive Speech & Debate
CE Intro to Business
Accounting 2: Principles of Accounting
Marketing 1: Principles of Marketing
Marketing 2: Entrep, Advertising
CE Legal Environment of Business
DE Pro Start I/II
CE Computer Aided Design: SolidWorks Basics
CE Engineering Design: SolidWorks Intermediate
CE Automotive Technology 2
CE Automotive Technology 3
DE Data Structures & Algorithms
CE Photography I/II
CE Commercial Photography

*All courses above with a * qualify for weighted grades.*

Career Concentration Pathways

This is the National "CTE Career Clusters" map. The arrows show where Overlands Career Concentration Pathways fit in

These are Overland's CTE Career Concentration Pathway offerings that compliment each students educational journey





CAREER CONCENTRATION PATHWAYS

Pathway	What year can you START? 9	10	11	12	+ Supportive Studies
ENGENEERING & TECHNICAL SCIENCES					
Aerospace Manufacturing*		Manufact. Fund, CNC Machining	Man. Fund 2, CNC Machine 2		Technology Projects
Infrastructure Engineering*		Construction 1	Construction 2		
Automotive Technology^	Consumer Auto	Auto 1 & 2	Auto 3, High Performance		
Aviation- Maintenance*		Gen. Air Maint. 1	Gen Air Maint 2, Airframe 1-3	Airframe 4	
Aviation- Flight *		Aviation Fundamentals, Drone Pilot			
Engineering	Computer Aided Design	Engineering Design	Architectural Design		Senior Project/Intern.
Robotics	Technology Projects	Robotics			Senior Project/Intern.
HEALTH SCIENCES & PUBLIC SAFTEY					
Criminal Justice^			Criminal Justice 1 & 2	2 Soc. Electives	APPsych.,Forensics, Genetics, Journalism,Pol.Sci.,SOAR
Biotechnology	Intro to Sci Research	AP Bio, Adv. Sci Research		Biotechnology	Anat/Phys.,Epic Med., Forensics, Genetics, Microbio.
H. Sciences-Clinical Med. Assist*	Intro to Healthcare	Healthcare Foundations	Clinical Medical Assist	Adv. Clinical Med. Assist	Anatomy & Physiology, Health Care Foundations, Medical Terminology, Patient Care Tech, Child & Adolescent Behavior, Epic Medical Careers, Interpersonal Relationships, Genetics, Psych. of Sports, Sources of Strength, CPR for professionals
H. Sci- Nursing & Patient Care^	Intro to Healthcare	Intro to Health Sci A, Patient Care Tech	Intro to Health Sci B, CNA	CNA/Adv. Nursing	
H. Sciences- Behavioral Health*			Behav. Health Teach	2 Soc. Electives	
Health Sciences- PT/OT Therapy*			Intro to PT/OT	2 Soc. Electives	
H. Sciences- Pharmacy Tech.*				Pharm Tech, 2 Soc. Elect.	
Health Sciences- Surgery Tech*			Surgery Technician		
ARTS DESIGN MANUFACTURING & TECHNICAL COMMUNICATIONS					
2D Arts- Drawing & Design	Drawing & Painting 1 & 2	Draw/Paint. 3, AP Studio Art 2D	AP Studio Art Drawing		AP Art History, CE Digital Photo 2
2D Arts- Photography	Photography 1 & 2	Photo 3 & 4, AP Studio Art 2D			
3D Arts- Sculptural Engineering	Beg 3D Art, Int. 3D Art	Adv. 3D Art	AP Studio Art 3D		AP Art History, AP Studio Art 2D, CE Digital Photo 2, Interior Design 1, Interior Design 2, Web Designs
3D Arts- Fashion/Comm. Design	Fashion 1, Fashion 2		AP Fashion/Studio Art 3D		
3D Arts- Graphic Design	Graphic Design 1 & 2	Graphic Design 3, Adv. Graphic (4)	AP Studio Art		
Broadcasting & Film	Video Prod. 1 & 2	OTV Broadcast Journalism	Advanced Video Production		Tech Projects, CE Digital Photo 2, Web Designs
Performing Fine Arts- Choral	Overland Singers, Plainsmen, Trebelaries	Concert Choir, Jewell Ave Jazz	Cecilians, Nine Mile Jazz		Piano, Music Theory, AP Music Theory
P.F. Arts- Instrumental Band	All bands~ audition placed				
P.F. Arts- Inst. Orchestra	String Orchestra, Concert Orchestra	Overland Symphony			
Performing Fine Arts- Theatre	Theatre 1, Musical Theatre Tech Theatre	Theatre 2	Theatre 3, Advanced Acting		
EDUCATION, HUMAN SERVICES & HOPITALITY					
Cosmetology"			Cosmo 1	Cosmo 2, Esthetics	
Future Educator"			Future Educator 1 & 2		Peer Mentorship
Hospitality-Culinary Arts^	Culinary Essentials 1, Baking/Pastry 1	Baking/Pastry2, ProStart1&2	Prostart 1 & 2, CTE Internship	CTE Internship	
Hospitality- Tourism *	2 OHS Fine Arts Electives	Resort & Event Management	Hospitality Leadership Exp.		
BUSINESS FINANCE & COMPUTER SCIENCES					
Business- Accounting	Personal Finance, Intro to Business	Legal Enviro of Business, Accounting 1	CE Accounting 2		AP Macro & Micro Economics, CE Intro to Business Salesforce
Business- Marketing	Personal Finance, Intro to Business	Legal Enviro of Business, Marketing 1	CE Marketing 2		
Business- Entrepreneurship*	Intro to Business	Project Management for Entrep. 1 &2	Manag for Entrep. 3, CTE Cap		
Career Innovations"	CE course elective	Work Based Learning CTE	Apprentiship/Internship	CE Core course	SEE YOUR COUNSELOR FOR OPTIONS
Artificial Intelligence*	Intro to Comp Prog or AP Computer Sci	Artificial Intelligence 1 & 2	Stats		Tech Projects, Amazon Web Services
Cyber Security*	Intro to Comp Prog or AP Computer Sci	Cybersecurity 1 & 2			Amazon Web Services
Data Science*	Intro to Comp Prog or AP Computer Sci	Data Science 1 & 2	CTE Capstone IT		
Product Design & Fabrication*		Product Design 1-3	Product Design 4		Computer Aided Design
Computer Science	AP Comp Science Principles	AP Computer Science A	Data Struct.		Web Development, Web Design Foundations
Applied Mathematics	AP Comp Science Principles	AP Computer Science A	AP Calc AB/BE, DFQ	AP Stats, Liner Algebra	
AGRICULTURE & NATURAL RESOURCES					
Natural Resources	Environmental Club Participation		AP Enviro Science	CE Geology	AP Biology, Microbiology, Zoology

*= CCIC/CCP pathways ^=Can be OHS or CCIC/CCP pathways "=CTE pathways

What Are Colleges Looking For?

College Admission

The Colorado Commission of Higher Education (CCHE) has developed the Higher Education Admission Requirements (HEAR). To be considered for admission to any four-year public institution in Colorado, students must demonstrate successful completion of the following coursework:

English	**4 credits**
Math	**4 credits**
- Algebra 1 level and higher	
Natural Sciences	**3 credits**
- 2 credits must be lab-based	
Social Sciences	**3 credits**
- At least 1 credit of U.S. or World History	
Foreign Language	**1 credit**
- Must be the same language	
Academic Electives	**2 credits**
- See note below	

NOTE 1: An academic credit, often referred to as a Carnegie credit, is equivalent to one full year of credit in a specific

NOTE 2: For examples of acceptable HEAR courses, academic electives, and answers to frequently asked questions, go to:
https://highered.colorado.gov
Hover over “Students” and click on “Preparing for College” and then “Admissions Eligibility.

It is important to note that admission officers at these institutions will give preference to students who have demonstrated competence in a rigorous course of study over students who attain a good grade point average by taking fewer challenging courses.

Factors Influencing College Admission

According to the 2023 "State of College Admission Report," the following factors, in order of importance, were:

1. **High school grades in college prep courses**
2. **Total high school grades (all courses)**
3. **Strength of high school curriculum**
4. **Positive character attributes**
5. **Essay or writing sample**
6. **Student's interest in attending**
7. **Counselor recommendation**
8. **Teacher recommendation**
9. **Extracurricular activities**
10. **High school class rank**
11. **Admission test scores (ACT, SAT)**
12. **Portfolio**
13. **Interview**
14. **Work**
15. **State graduation exam scores**
16. **Subject test scores (AP, IB)**

What Are Colleges Looking For?

College Recommendations

Academics:

- Choose a rigorous course load. Seek out challenging courses. Colleges would rather see a lower grade in a more challenging course than the "easy A." Remember the best scenario is good grades in challenging classes.
- Make sure your courses are appropriate and in a logical progression. Use your Individual Career and Academic Plan (ICAP) to ensure you are on the right track.
- Enroll in at least 4 core classes (English, Social Studies, Math, Science, World Language) each semester.
- Get to know your counselor and teachers. These are the people who will be writing your recommendations.
- Keep your best work. Colleges may offer you a chance to submit supplementary material that demonstrates your achievements.
- Establish good study habits. Grades in the academic core areas (English, Math, Science, Social Studies, and World Languages) are the best predictors of success in college.
- Read! Studies have shown that one of the best preparations for college admission tests (SAT/ACT) is to read regularly.

Extracurricular:

- Find activities, both in and out of school, that you enjoy and that provide an outlet for your non-academic side.
- Go for quality rather than quantity. Colleges admire students who put significant effort into one or two activities rather than students who put little time into many activities.

Sample College Admission

Admission criteria to colleges and universities vary. On a continuum of expectations and requirements, the following examples provide general indicators.

Most Selective Colleges/Universities
Examples: Harvard University, Stanford University, Duke University, Vanderbilt University, Colorado School of Mines
Minimum of 18 core units: English 4, Math 4, Social Studies 3-4, Science 3-4, World Language 3-4, 4+ Advanced Placement Courses or IB Courses
Grades and test scores: GPA 4.0+, SAT 1300+, 32+

Selective Colleges/Universities
Examples: University of Denver, University of Colorado at Boulder, Brigham Young University, Baylor University, University of Nebraska, Creighton University
Minimum of 16 core units: English 4, Math 3-4, Social Studies 3, Science 2-3, World Language 2-3, Advanced Placement Courses or IB Courses Highly Recommended
Grades and test scores: GPA 3.5+, SAT 1100+, ACT 23+

Competitive I Colleges
Examples: Colorado State University, University of Colorado at Denver, Arizona State University, University of Wyoming, Regis University
Minimum of 15+ core units: English 4, Math 3-4, Social Studies 3, Science 2-3, World Language 2-3, Advanced Placement or IB Courses Recommended
Grades and test scores: GPA 3.3+, SAT 1100+, ACT 23+

Competitive II Colleges
Example: University of Northern Colorado, Colorado Mesa University, Metropolitan State University Denver, Fort Lewis College, Adams State University, Western Colorado University
Minimum of 14 core units: English 4, Math 3-4, Social Studies 3, Science 2-3, World Language 2
Grades and test scores: GPA 3.0+, SAT 1100+, ACT 20+

**The ACT and SAT college entrance exams have optional writing components. Please check with individual institutions.

Overland English Pathways

9th Grade (Year 1)	10th Grade (Year 2)	11th Grade (Year 3)	12th Grade (Year 4)
CP English 9	CP English 10	CP English 11	CP English 12
English 9 Honors (W)	English 10 Honors (W)	CE English Comp 121 semester 1	Multicultural Literature semester 1 / Writing on Film semester 2
	AP Seminar (W)	CE Lit 115 semester 2	Literature: Music & Poetry semester 1 / Writing in Music & Poetry semester 2
		AP Language and Composition (W)	Contemporary Literature semester 1 / Multi-Genre Writing semester 2
			Mythology Literature semester 1 / Writing on Film semester 2 / Creative Writing semester 2
			CE Lit: Race, Ethnicity & Culture semester 1 / CE English Comp 122 semester 2
			AP Literature & Composition (W)
			English Lab semester
take both at the same time: ★Comp Lit 9/10 / ★ELA Read Write		take both at the same time: ★Comp Lit 11/12 / ★ELA Read Write	

NOTES

English: 4 credits needed for graduation (semester course = .5 credit)
W = weighted
CE = concurrent enrollment for college credit
★ = must be recommended by ELS team
light blue = Newcomer classes
English Lab = SLA/Capstone focus

Questions?
Shannon Gallagher
Overland English Department Coodinator
sgallagher6@cherrycreekschools.org
720-747-3674

ENGLISH/LANGUAGE ARTS

**Courses with weighted grades*

The English Language Arts Department offers a wide selection of courses designed to advance the interests and abilities of all students. Students will be empowered to apply literacy skills in their course work, both in the English Language Arts Department and in other core content areas as well.

It is then expectation that our students will be prepared for college, the workforce, and life in society. To ensure this, our focus is on building students' capacity for life-long writing adaptability, research, and the ability to access literature across various genres.

CP English 9 **Grades: 9** ***Course Length: 1 Year***
Prerequisite: None ***Credit: 1 Unit***
Students will prepare oral presentations and develop strategies for listening critically to the presentations of others. Reading: Students will read and interpret increasingly complex literary and informational texts. Writing: Students will write narrative, informational, and persuasive texts and work to establish a controlling idea and provide relevant support. Students will work to revise grammar, usage, and mechanics to achieve greater clarity. Research: Students will analyze informational materials, including electronic sources, for their relevance and accuracy.

CP English 10 **Grades: 10** ***Course Length: 1 Year***
Prerequisite: None ***Credit: 1 Unit***
Oral Expression: Students will gather and organize content that will successfully influence an audience. Students will listen actively to group members when accomplishing a group goal. Reading: Students will read literary, informational, and persuasive manuscripts in order to develop ideas and to understand traditional and contemporary texts. Writing: Students will use different organizational patterns to inform or to persuade, and their writing will feature a variety of stylistic devices while relying on a strong foundation of proper grammar and mechanic skills. Research: Students will evaluate the validity of multiple sources while collecting information in order to answer a question, propose solutions, or share findings.

CP English 11 **Grades: 11** ***Course Length: 1 Year***
Prerequisite: None ***Credit: 1 Unit***
Oral Expression: Students will analyze messages for their accuracy and relevance. Reading: Students will critically read complex literary texts to interpret and evaluate their meaning. They will synthesize ideas from informational texts for a specific purpose. Writing: Students will work to stylistically and thematically refine narrative texts. They will revise informational and persuasive texts to inform or influence an audience while making ongoing revisions in grammar, usage, and mechanics to achieve greater clarity. Research: Students will study critical thinking and evaluate quality reasoning.

CP English 12 **Grades: 12** ***Course Length: 1 Year***
Prerequisite: None ***Credit: 1 Unit***
Students will have the opportunity to develop the skills necessary to access college-level texts while also enhancing their academic vocabulary. Students will read a number of different texts, both fiction and nonfiction, from various genres in building their knowledge of text structures, the reading process, and literary techniques. Students will use textual evidence to support claims, determine themes/central ideas, and analyze authors' choices in the writing. The students will also improve their understanding of author's craft and structure. Students will have the opportunity to increase the level of sophistication in their writing, better preparing them for college and beyond. Students will read and write argumentative, informative/explanatory, and narrative texts while also expanding their understanding of effective writing. Throughout the course, students will produce clear and coherent writing, develop and strengthen writing, and use technology to produce, publish and update individual or shared writing products. Finally, students will have the opportunity to engage in research projects before presenting those to a formal audience.

English 9 Honors** **Grades: 9** ***Course Length: 1 Year

Prerequisite: Teacher Recommendation AND an "B" or higher in a previous English class ***Credit: 1 Unit***

Students enrolled in Honors English 9 will accomplish the standards outlined in CP English 9 while independently reading literary and informational texts of greater complexity. Students will write longer and more complicated essays including literary analysis, will revise writing to make it more concise and precise, and will experiment with writing more sophisticated sentences.

English 10 Honors** **Grades: 10** ***Course Length: 1 Year

Prerequisite: Teacher Recommendation & "B" or higher in CP English 9 OR a "C" or higher in Honors 9 ***Credit: 1 Unit***

Students enrolled in Honors English 10 will accomplish the standards addressed in CP English 10 while reading increasingly complex literary and informational texts. Students will experiment with more subtle organizational structures and incorporate more rhetorical strategies into their writing.

Literature & Composition 1 **Grades: 9-10** ***Course Length: 1 Year***

Prerequisite: Teacher Recommendation ***Credit: 1 Unit***

Students will engage in activities to strengthen reading comprehension, vocabulary, and fluency using diverse texts that reflect both literary and informational content. Writing instruction will emphasize crafting coherent paragraphs, essays, and responses to texts, with a focus on grammar, sentence structure, and organization. The course integrates language development with critical thinking and academic skills, enabling students to analyze themes, cite textual evidence, and engage in discussions. Additionally, oral language practice will build students' confidence in academic and conversational English.

Literature & Composition 2 **Grades: 10-12** ***Course Length: 1 Year***

Prerequisite: Teacher Recommendation ***Credit: 1 Unit***

Students will engage in activities that build on skills included in Composition & Literature 2 in order to continue to strengthen the skills of reading comprehension, vocabulary, and fluency using diverse texts that reflect both literary and informational content. Writing instruction will emphasize crafting coherent paragraphs, essays, and responses to texts, with a focus on grammar, sentence structure, and organization. The course integrates language development with critical thinking and academic skills, enabling students to analyze themes, cite textual evidence, and engage in discussions. Additionally, oral language practice will build students' confidence in academic and conversational English.

AP Seminar** **Grades: 10** ***Course Length: 1 Year

Prerequisite: Teacher Recommendation ***Credit: 1 Unit***

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precisions to craft and communicate evidence-based arguments.

AP Language and Composition** **Grades: 11-12** ***Course Length: 1 Year

Prerequisite: Teacher Recommendation AND a "B" or higher in Honors 10 OR "A" or higher in CP English 10 ***Credit: 1 Unit***

The AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should reflect students' awareness of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing. By the end of the course, students will be able to analyze and interpret samples of good writing, identify and explain an author's use of rhetorical strategies and techniques, create and sustain arguments based on readings, research, and/or personal experience, and write for a variety of purposes, applying effective strategies and techniques in their own writing. College Board approved. Students will take the AP Exam in May.

AP Literature and Composition** **Grades: 12** ***Course Length: 1 Year
Prerequisite: Teacher Recommendation AND "B" or above in English 11 OR "C" or above in AP Language and Composition ***Credit: 1 Unit***
The AP course in English Literature and Composition engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. Reading in an AP course is both wide and deep. The reading necessarily builds upon and complements the reading done in previous English courses so that by the time students complete their AP course, they will have read works from several genres and periods – from the 16th century to the 21st century. Writing assignments focus on the critical analysis of literature and include expository, analytical and argumentative essays. College Board Approved. Students will take the AP Exam in May.

CE English Composition I** CE **Grades: 11** ***Course Length: 1 Semester
Teacher Recommendation AND "B" or above in previous English course CE College Credit is contingent upon CCA Standards ***Credit: ½ Unit***
Students will master the reading of professional essays and use critical thinking skills to write college-level papers and essays. Students will write compositions that demonstrate narrative, analytical, evaluative, informative, and persuasive thinking. This course is a Concurrent Enrollment course through the Community College of Aurora. Students enrolled in this course will complete college-level work during their senior year of high school. Students who have met the prerequisite and earn a "C" or better in the class will receive 3 college credits. This concurrent enrollment course is a statewide guaranteed transfer course.

CE English Composition II** CE **Grades: 11** ***Course Length: 1 Semester
Prerequisite: CCA requires a "C" or better in ENG 121 ***Credit: ½ Unit***
This course expands and refines the objectives of English Composition I (ENG 121). We will emphasize critical and logical thinking and reading, problem definition, research strategies, and writing analytical, evaluative, and/or persuasive papers that incorporate research. English 122 should enable students to master basic skills in critical thinking and reading, argumentation, and research. The course has six basic components: argumentation strategies, critical thinking and reading, outlining and summarizing, summary and analysis of a single essay, small-scale synthesis of several sources, and the full scope of a research paper. These six components build upon one another. Initial course assignments should give students an opportunity to practice these skills in isolation before they are needed in the research paper. This system allows students to master simpler skills in preparation for the research paper, which utilizes them all. This course is a Concurrent Enrollment course through the Community College of Aurora. Students enrolled in this course will complete college-level work during their senior year of high school. Students who have met the prerequisite and earn a C or better in the class will receive 3 college credits. This concurrent enrollment course is a statewide guaranteed transfer course.

CE Intro to Literature I** CE **Grades: 12** ***Course Length: 1 Semester
Prerequisite: Teacher Recommendation AND "B" or above in previous English course. CE College Credit is contingent upon CCA Standards ***Credit: ½ Unit***
This course emphasizes the close study of fiction genres, including poetry, drama, and narrative (novellas and novels). Students will read and interpret a variety of texts in detail, work extensively with literary devices in the context of their contribution toward textual meaning, and study and practice elements of writing effective literary analysis. Students will examine the role of literature in society and how it mirrors a cultural experience. This course is a Concurrent Enrollment course through the Community College of Aurora. Students enrolled in this course will complete college-level work during their senior year of high school. Students who have met the prerequisite and earn a "C" or better in the class will receive 3 college credits. This concurrent enrollment course is a statewide guaranteed transfer course.

CE Lit: Race, Ethnicity, & Culture** CE **Grades: 12** ***Course Length: 1 Semester
Prerequisite: Teacher Recommendation AND "C" or above in previous English course. CE College Credit is contingent upon CCA Standards ***Credit: ½ Unit***
This course examines the cultural, historical, and social contexts impacting multiple ethnic American identities through critical reading and analysis. This course focuses on significant works by authors who identify as African American, Native American, Latino/a, Asian American, and other ethnicities. This is a statewide Guaranteed Transfer course in the GT-AH2 category.

CE Technical Writing / CP Innovator's English C** CE **Grades: 12** ***Course Length: 1 Semester
Co-requisite: Must also be enrolled in application Pathways at Overland Course ***Credit: ½ Unit***
This integrated English course teaches the fundamentals of writing and pathway or industry-specific technical documents with structure, organization, diction, style, revision, editing and mechanics. Students will write for specific industry-related purposes including, but not limited to professional emails, training manuals, business proposals, blog creation and response, professional interviewing, podcast creation, and social media content writing. Finally, students will conduct research as necessary for the pathway and industry curriculum, gathering relevant information from multiple print sources related to the task. By the end of the course, students will be able to read, analyze, summarize, and apply technical information and plain language as appropriate for career preparation. This course may offer CE Credit (ENG 1031) and may be repeated for credit. This concurrent enrollment course is a statewide guaranteed transfer course.

English Lab **Grades: 11-12** ***Course Length: 1 Semester***
Prerequisite: Counselor Recommendation ***Credit: ½ Unit***
This course is a credit recovery course for students who are either in need of English credit or need to pass the graduation capstone. Students will have the opportunity to develop the skills necessary to access appropriate texts while also enhancing their academic vocabulary. They will use textual evidence to support claims, determine themes/central ideas, and analyze authors' choices in the writing. The students will also improve their understanding of author's craft and structure. Students will have the opportunity to increase the level of sophistication in their writing, better preparing them for college and beyond. Students will read and write argumentative, informative/explanatory, and narrative texts while also expanding their understanding of effective writing. Throughout the course, students will produce clear and coherent writing, develop and strengthen writing, and use technology to produce, publish and update individual or shared writing products.

ELA Read Write 1 **Grades: 9-10** ***Course Length: 1 Semester***
Prerequisite: Teacher Recommendation ***Credit: ½ Unit***
This course is designed for students who need support to strengthen foundational literacy skills. Through intensive practice and guided instruction, students will develop essential reading strategies to improve comprehension, fluency, and vocabulary. The course will also provide opportunities to build oral and academic English skills, fostering confidence and proficiency in both reading and communication. Students will engage with a variety of texts and activities tailored to meet their individual needs, ensuring progress toward grade-level literacy.

ELA Read Write 2 **Grades: 9-10** ***Course Length: 1 Semester***
Prerequisite: Teacher Recommendation ***Credit: ½ Unit***
Building on the foundational skills developed in ELA Read Write 1, this course is designed for students who are progressing in their reading and literacy development but still require additional support to reach grade-level proficiency. Students will continue to refine key reading strategies such as decoding, fluency, and comprehension while working on expanding their vocabulary and critical thinking skills. In addition to reading practice, this course emphasizes the development of oral and academic English, enabling students to engage more confidently in discussions, written expression, and academic tasks. Through a variety of texts and targeted activities, students will deepen their understanding of language, moving closer to achieving grade-level literacy and preparing for more complex reading and writing challenges.

Creative Writing **Grades: 12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
Senior level English course that explores the enduring power of myth across cultures and time periods. Students will study classical myths from Greek, Roman, and Norse traditions alongside global mythologies from Africa, Asia, and the Americas to understand how these stories shape cultural identity, moral values, and literary traditions. Through close reading, discussion, and comparative analysis, students will examine archetypes, symbols, and themes that continue to influence modern literature, film, and popular culture. The course emphasizes analytical writing, research, and critical thinking skills aligned with grade-level English standards. Students will also have opportunities to create original myth-inspired narratives that connect ancient storytelling to contemporary life. ***Linked Class: Writing on Film or Creative Writing***

Writing on Film **Grades: 12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
This course explores film as both an art form and a text to be analyzed through writing. Students will study cinematic techniques alongside narrative structure, character development, and theme. Through analytical and creative writing, they will learn to interpret how filmmakers tell stories and express ideas visually. Emphasizing discussion, close viewing, and clear written expression, the course helps students develop the critical vocabulary and writing skills needed to engage thoughtfully with film and media. ***Linked Class: Mythology or Multicultural Literature***

Multicultural Literature **Grades: 12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
Senior-level English course that explores diverse voices, identities, and experiences from around the world and within the United States. Through novels, essays, poetry, and film, students will examine how culture, race, language, and history shape both individual and collective narratives. The course encourages critical thinking about representation, power, and perspective, while developing advanced reading, writing, and discussion skills. Students will engage in analytical and creative projects that connect literature to their own lived experiences and contemporary social issues. ***Linked Class: Writing on Film***

Multi-Genre Writing **Grades: 12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
This course invites students to experiment with writing across a variety of forms and mediums, from personal essays and blogs to podcasts, reviews, and creative nonfiction. Emphasizing voice, purpose, and audience, students will explore how ideas adapt as they move between genres and platforms. Through drafting, peer feedback, and publication-style projects, writers will develop flexibility, creativity, and confidence in expressing their ideas across multiple modes of communication. ***Linked Class: Contemporary Literature***

Literature in Music and Poetry **Grades: 12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
Senior-level English course that examines the deep connections between written and spoken word, rhythm, and sound. Students will explore how poets and songwriters use language, structure, and voice to express identity, emotion, and social commentary. The course blends literary analysis with cultural study, focusing on works that range from classic poetry to contemporary hip-hop, spoken word, and global music traditions. Students will develop advanced skills in textual analysis, critical writing, and creative composition, crafting both analytical essays and original poetic or lyrical works. By the end of the course, students will understand how literature and music together shape culture and give voice to the human experience. ***Linked Class*: *Writing in Music and Poetry***

Writing in Music and Poetry **Grades: 12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
This course explores the intersection of language, rhythm, and sound through the study and creation of poetry and songwriting. Students will analyze how writers and musicians use imagery, structure, and tone to convey emotion and meaning, then apply those techniques in their own original work. Blending literary study with creative practice, the course encourages experimentation with form, collaboration, and performance while helping students find their unique voice as lyricists and poets. ***Linked Class: Literature in Music and Poetry***

OPTIONAL COURSES FOR NON-ENGLISH CREDIT
NOTE: These courses DO NOT fulfill English graduation requirements

CE Competitive Speech and Debate CE **Grades: 9-12** ***Course Length: 1 Year***
Prerequisite: None ***Credit: 1 Unit***
This course is designed for students interested in organized public speaking and debate. The purpose of the class is to prepare for interscholastic speech and debate competition. Students will research, write, and present original orations, speak extemporaneously on current events, and perform interpretative literature. Students who take this course will be part of the Overland Speech and Debate Team. Two Saturday competitions per semester are required. Students will earn membership in the National Forensic League, the national honor society for competitive speech and debate. This course is highly recommended for students interested in law, business, or performing arts. This course counts for FINE ARTS

credit. It does not count toward the necessary four core years of English. Fee: There is a $75 fee associated with this course to cover cost of materials, competition fees, and access to speech and debate databases and files.

Concurrent Enrollment Course Credit: CE Public Speaking (1st Sem), CE Interpersonal Communication (2nd Sem)

Newspaper **Grades: 10-12** ***Course Length: 1 Year***
Prerequisite: Application, interview & teacher recommendations required ***Credit: 1 Unit***
This course emphasizes the techniques of writing creative prose and poetry. Course activities include formal and informal writing assignments in various categories as well as reading and analyzing example writings. It appeals to those students who enjoy writing and who are working at or above grade level. This is a general elective credit.

Yearbook **Grades: 10-12** ***Course Length: 1 Year***
Prerequisite: Application, interview & teacher recommendations required ***Credit: 1 Unit***
Yearbook production involves writing and associated skills, graphic design, photography, and business skills. All students must be willing to work in all of the above areas. Students must be willing and able to devote time to this project and to accept responsibility for the completion of the yearbook. Some after school obligations are required for the successful completion of the yearbook. Yearbook is a general elective credit.

Overland Math Pathways

	9th Grade (Year 1)	10th Grade (Year 2)	11th Grade (Year 3)	12th Grade (Year 4)
Quantitative Literacy Pathway Students interested in following paths in humanities, hospitality, or communication. **CAREER EXAMPLES** ARTIST, CHEF, COSMETOLOGY, ELECTRICIAN, FASHION DESIGN, HOSPITALITY, INTERIOR DESIGN, JOURNALISM, MECHANIC, MEDIA ARTS, MUSICIAN, PERFORMING ARTS, PLUMBER, SOCIAL WORK, THERAPIST, TOURISM	**Algebra 1** Possible Teamed for SAS/ELS support **Blazer Academy** taken concurrently for support	**Geometry** Possible Teamed for SAS/ELS support **Algebra 1 Skills** taken concurrently for support	**Math Modeling and Reasoning**	**Mathematical Data Science** **Consumer Math** **CE Math for Liberal Arts** (sem) **CE Introduction to Statistics** (sem)
Statistics Pathway Students interested in following paths in criminal justice, economics, health sciences, political science, or social & behavioral science. **CAREER EXAMPLES** ANTHROPOLOGY, CRIMINAL JUSTICE, DENTAL ASSISTANT, DENTIST, FINANCE, GRAPHIC DESIGNER, HISTORIAN, JUDGE, LAW ENFORCEMENT, LAWYER, MARKETING, POLITICAL SCIENCE, SOCIOLOGY, PSYCHOLOGIST, PUBLIC ADMIN, PUBLIC SAFETY	**Algebra 1** Possible Teamed for SAS/ELS support **Blazer Academy** taken concurrently for support	**Geometry** Possible Teamed for SAS/ELS support **Algebra 1 Skills** taken concurrently for support	**Probability and Statistics** **CE Math for Liberal Arts** (sem) **CE Introduction to Statistics** (sem)	**Mathematical Data Science** **CE Math for Liberal Arts** (sem) **CE Introduction to Statistics** (sem) **AP Statistics**
Advanced Algebra/ Calculus Pathway Students interested in following paths in STEM and natural science fields. **CAREER EXAMPLES** AGRICULTURE, ASTRONOMER, BIOLOGIST, BUSINESS MGMT, CHEMIST, COMPUTER SCIENCE, ENERGY, ENGINEER, MATHEMATICIAN, MEDICINE, METEOROLOGIST, NATURAL RESOURCES, NEUROSCIENTIST, PHARMACIST, PHYSICIST, SOFTWARE DEVELOPER, TECHNOLOGY, WEB DESIGN **RECOMMENDED ELECTIVES** AP Computer Science Principles AP Computer Science A CE Computer-Aided Design	**Algebra 1** **Blazer Academy** taken concurrently for support **Geometry Precalculus Honors** This is accelerated ★ **Algebra 1X**	**Geometry** **Algebra 1 Skills** taken concurrently for support **Algebra 2 Precalculus Honors** This is accelerated ★ **Geometry X**	**Algebra 2** **AP Calculus AB*** **AP Calculus BC*** ★ **Prob Stat X**	**AP Statistics** **AP Precalculus** **CE College Algebra** (sem) **CE College Trig** (sem) **CE College Algebra w/ Algebra Lab** **AP Statistics** **CE Calculus 3** (sem) **CE Diff Eq** (sem) ★ **ELS Math Lab**

NOTES

*Mandatory prerequesite for Calculus AB or BC is Honors Algebra 2 or Precalculus.
Calculus AB is Calculus 1 and Calculus BC is Calculus 1 & 2.
All courses are the entire year, unless indicated with (sem) for only a semester.
CE = concurrent enrollment for college credit
★ = must be recommended by ELS team

Questions?
Lara Monroe
Overland Math Department Coodinator
lmonroe2@cherrycreekschools.org
720-747-3617

MATHEMATICS

**Courses with weighted grades*

The Mathematics Department offers a wide selection of courses designed to advance the interests and abilities of all students. Students will be empowered to apply academic skills in their course work both in the Mathematics Department and other core content areas. The curriculum is guided by the Cherry Creek Math Standards and under the Colorado State Math Standards. It is the expectation that our students will be prepared for college, the workforce, and life in society. To ensure this, our focus is on building skills in mathematical thinking, problem solving, critical-analysis, and for application in everyday life. All students will complete Algebra and Geometry and then will have the opportunity to choose a pathway that fits what they want to do after high school. Students can move pathways if plans change as well.

Algebra 1 **Grades: 9-12** ***Course Length: 1 Year***
Prerequisite: None ***Credit: 1 Unit***
Algebra 1 provides a comprehensive teaching of the fundamental aspects of problem solving with the Open Up resources (OUR) Curriculum. https://www.openupresources.org/. A sound foundation in arithmetic and prealgebra skills is essential for success in this course. Major topics of study include: evaluation of algebraic equations, solving and graphing linear equations, solving and graphing two variable inequalities, solving systems of equations, word problems, exponent rules and manipulation, polynomials, solving and graphing quadratic equations, sequences, linear & exponential functions, and factoring. Technology will be used to introduce and expand upon the areas of study listed above.

Algebra 1X **Grades: 9-11** ***Course Length: 1 Year***
Prerequisite: None ***Credit: 1 Unit***
Algebra 1X provides a comprehensive teaching of the fundamental aspects of problem solving with the Open Up resources (OUR) Curriculum. https://www.openupresources.org/. with a focus on the big ideas. Major topics of study include: evaluation of algebraic equations, solving and graphing linear equations, solving and graphing two variable inequalities, solving systems of equations, word problems, exponent rules and manipulation, polynomials, solving and graphing quadratic equations, sequences, linear & exponential functions, and factoring. This class is also a support for students with gaps in education, or new to country and will supplement with extra English language practice with opportunities for structured language practices (speaking, reading, writing, and listening) as well as provide a smaller setting for individualized instruction supporting foundational math skills that will be needed for future math courses.

Geometry **Grades: 9-12** ***Course Length: 1 Year***
Prerequisite: Algebra 1 ***Credit: 1 Unit***
This course is the second year of the sequence of Algebra 1, Geometry, and Algebra 2 typically taken during sophomore year. This course provides comprehensive teaching of the fundamental aspects of problem solving with the Open Up resources (OUR) Curriculum. https://www.openupresources.org/. Topics include transformations, reasoning and proof, parallel and perpendicular lines, triangle properties, congruence and similarity, right triangle trigonometry, circles, quadrilaterals, volume, and surface area. This course requires students to grasp new and previous vocabulary words and apply many theorems and postulates to solve real-world problems. Students will communicate reasoning through proof writing. Students will continue to build on their algebra 1 skills that have been integrated into the geometry curriculum.

Geometry X **Grades: 10-11** ***Course Length: 1 Year***
Prerequisite: Algebra 1 ***Credit: 1 Unit***
This course is the second year of the sequence of Algebra 1, Geometry, typically taken during sophomore year. This course provides comprehensive teaching of the fundamental aspects of problem solving with the Open Up resources (OUR) Curriculum. https://www.openupresources.org/ focusing on the big ideas. Topics include transformations, reasoning and proof, parallel and perpendicular lines, triangle properties, congruence and similarity, right triangle trigonometry, circles, quadrilaterals, volume, and surface area. This course requires students to grasp new and previous vocabulary words and apply many theorems and postulates to solve real-world problems. Students will communicate reasoning through proof writing. Students will continue to build on their algebra 1 skills that have been integrated into the geometry curriculum. This class is also a support for students with gaps in education, or new to country and will supplement with extra English language practice with opportunities for structured language practices (speaking, reading,

writing, and listening) as well as provide a smaller setting for individualized instruction supporting foundational math skills that will be needed for future math courses.

Algebra 1 Skills **Grades: 10** **Course Length: 1 Sem**
Prerequisite: None **Credit: ½ Unit**
This course will be taken **concurrently with Geometry** as a support class for 10th grade students who struggle, have not had success in algebra 1 skills, or may be new to the language and curriculum. It will be a support class to assist students with supplemental material to allow students to be successful in Geometry. This is a semester class, but can be taken all year if continued support is needed.

Geometry/Precalculus Honors** **Grades: 9-10** ***Course Length: 1 Year
Prerequisite: Algebra 1 ***Credit: 1 Unit***
This course will give you the opportunity to learn about reasoning and proofs, perpendicular and parallel lines, triangles, quadrilaterals, similarity, right triangle trigonometry, circles, area and volume. It offers students many opportunities to explore geometric situations, develop concepts, use theorems and postulates to solve applications. Students are required to communicate reasoning through proofs and other forms of writing. Additionally, the Algebra2/PreCalculus topics that connect mathematically to the concepts of the Geometry course will be included. These topics include but are not limited to the unit circle, further study of trigonometric identities, family functions and their graphs, and sequences and series. This course provides extensive use of algebra skills integrated into geometry concepts and is an accelerated class. Completion of this class is a year and a half of traditional content, so this combined with Algebra 2/Precalculus honors is three years of mathematics.

Algebra 2 **Grades: 9-12** ***Course Length: 1 Year***
Prerequisite: Geometry ***Credit: 1 Unit***
This course is usually taken after students complete Algebra 1 and Geometry. This course if for students who choose to be in the advanced algebra/Calculus pathway. The course covers topics such as quadratic functions, polynomial functions, systems of equations, rational functions, exponential and radical functions, logarithmic functions, and trigonometric functions. This course serves as a foundation for and is a prerequisite to CE Math for the Liberal Arts, CE College Algebra with Algebra Lab, CE College Algebra, CE College Trig, AP Precalculus, and AP Statistics. Students will have the opportunity to take the Capstone exams that will provide the opportunity to demonstrate competency and fulfill this state graduation competency for mathematics. **Graphing calculator required.**

Algebra 2/Precalculus Honors** **Grades: 9-11** ***Course Length: 1 Year
Prerequisite: Geometry/Precalculus Honors ***Credit: 1 Unit***
This course is for the talented mathematics student who wants a challenge and wants to take Calculus. The course is taken after Geometry/Precalculus Honors and covers topics such as quadratic functions, polynomial functions, systems of equations, rational functions, exponential and radical functions, logarithmic functions, trigonometric functions, vectors and polar functions, parametric, limits, and derivatives. This course is more rigorous mathematically, requires more work, treats topics in greater depth, and requires a higher level of mastery than does Algebra 2. This course is required for those students who plan to take advanced math courses in the future. This course serves as a foundation for and prerequisite to AP Calculus AB and AP Calculus BC. Students will have the opportunity to take the Capstone exams that will provide the opportunity to demonstrate competency and fulfill this state graduation competency for mathematics. Completion of this class is a year and a half of traditional content, so this combined with Geometry/Precalculus honors is three years of mathematics. **Graphing calculator required.**

Math Lab **Grades: 10-12** ***Course Length: 1 Year***
Prerequisite: Counselor Recommendation ***Credit: 1 Unit***
This class is a support for 10th - 12th grade students with gaps in education or who may be new arrivals to the country and will supplement with extra English language practice with opportunities for structured language practices (speaking, reading, writing, and listening) as well as provide a smaller setting for individualized instruction supporting foundational math skills that will be needed for future math courses. This class will also utilize technology and teach students how to increase math competencies using that technology.

CE Math for Liberal Arts** CE **Grades: 11-12** ***Course Length: 1 Semester
Prerequisite: Algebra 1, Geometry ***Credit: ½ Unit***
This is a guaranteed transferable course to all Colorado colleges that offer the course. The course is intended for students who want to go to college but will not be pursuing a major with a math emphasis. This course develops mathematical and problem solving skills with topics including but not limited to logic, sets and Venn diagrams, probability and statistics, linear equations, exponential equations, and finance topics. This course is a Concurrent Enrollment course through the Community College of Aurora. Students enrolled in this course will complete college-level work during their junior/senior year of high school. Students who have met the prerequisite and earn a "C" or better in the class will receive 3 college credits.

CE Intro to Statistics** CE **Grades: 11-12** ***Course Length: 1 Semester
Prerequisite: Algebra 1 & Geometry ***Credit: ½ Unit***
This is a guaranteed transferable course to all Colorado colleges that offer the course. The course is intended for students who want to go to college but will not be pursuing a major with a math emphasis. This course introduces descriptive statistics and inferential statistics with an emphasis on critical thinking and statistical literacy. Topics include methods of data collection, presentation and summarization, introduction to probability concepts and distributions, and statistical inference of one and two populations. This course uses real world data to illustrate applications of a practical nature. Throughout the semester you will learn about the process of statistics and you'll get to apply these steps over two assignments on a theme of your choice.

Mathematical Data Science **Grades: 11-12** ***Course Length: 1 Year***
Prerequisite: Algebra 1 & Geometry ***Credit: 1 Unit***
This course is for students who have completed Algebra 1 and Geometry. This course will have students explore data and numbers in the real world through analysis and group project-based applications of math. This course will focus on topics that may include, but are not limited to representation and interpretation of data, applications of linear functions in the real world, probability and statistics, But will focus on making sense of problems, reasoning abstractly and quantitatively, constructing viable arguments, and critiquing the reasoning of others. Students will model with mathematics, use appropriate tools strategically, and attend to precision. Students will also be introduced to the basics of Microsoft Excel, and computer programming and its principles and applications. This class also includes student presentations.

Mathematical Modeling & Reasoning **Grades: 11-12** **Course Length: 1 Year**
Prerequisite: Algebra 1 & Geometry **Credit: 1 Unit**
This course is for students who have completed Algebra 1 and Geometry. This course is designed to promote reasoning, problem-solving and modeling through thematic units focused on mathematical practices while reinforcing and extending content in Number and Quantity, Algebra, Functions, Statistics and Probability, and Geometry. It is a yearlong course taught using student-centered pedagogy. This course is a project-based class where students get to practice math in multiple areas and how it is used in the real world. This course is for students in the Quantitative Reasoning Pathway and those who are interested in careers in technical fields, liberal arts, humanities, hospitality, or communications. Students will have the opportunity to take the Capstone exams that will provide the opportunity to demonstrate competency and fulfill this state graduation competency for mathematics. This class also includes student group presentations.

CE College Algebra w/ Lab** CE **Grades: 11-12** ***Course Length: 1 Year
Prerequisite: Algebra 2 ***Credit: 1 Unit***
This is a guaranteed transferable course to all Colorado colleges. This course will review Algebra 2 topics such as quadratics, rationales, polynomials, and logs. Then progress into College topics such as matrices, conics, functions, graphing rationales, exponentials, and set notation. The goal is to strengthen Algebra 2 skills and continue through the College Algebra curriculum. **Must take the full year for college credit.** This course is a Concurrent Enrollment course through the Community College of Aurora. Students enrolled in this course will complete college-level work during their junior/senior year of high school. Students who have met the prerequisite and earn a "C" or better in the class will receive 3 college credits.

CE College Algebra** CE **Grades: 11-12** ***Course Length: 1 Sem
Prerequisite: Algebra 2 ***Credit: ½ Unit***
This is a guaranteed transferable course to all Colorado colleges. This course will jump straight into the College Algebra topics which include but are not limited to manipulating functions graphically and algebraically, logs, exponentials,

matrices, conics, and graphing rationales. Requirements for College Algebra are simply an A or B in Algebra 2. This is a semester course typically taken before CE College Trigonometry. This course is a Concurrent Enrollment course through the Community College of Aurora. Students enrolled in this course will complete college-level work during their junior/senior year of high school. Students who have met the prerequisite and earn a "C" or better in the class will receive 3 college credits. **Graphing calculator required.**

CE College Trigonometry** CE **Grades: 11-12** ***Course Length: 1 Sem
Prerequisite: Algebra 2 ***Credit: ½ Unit***
This is a guaranteed transferable course to all Colorado colleges. Topics in Trigonometry, analytic geometry, and elementary functions designed for students who intend to take calculus in college. Angles and trigonometry functions of acute angles, analytic trigonometry, fundamental trigonometric functions and identities including hyperbolic trigonometry, parametric equations, and polar coordinate system. This course is a Concurrent Enrollment course through the Community College of Aurora. Students enrolled in this course will complete college-level work during their junior/senior year of high school. Students who have met the prerequisite and earn a "C" or better in the class will receive 3 college credits. **Graphing calculator required.**

Consumer Math **Grades: 12** ***Course Length: 1 Year***
Prerequisite: Algebra 1 & Geometry ***Credit: 1 Unit***
This course will introduce students to the financial and graphical analysis side of mathematics. This course is designed to take math and make it applicable and accessible. The math knowledge needed is basic mathematics. This class will cover a review of decimals and percents, ratios and proportions. The topics covered are personal finance math, money management, Interest & Credit, financial decision-making, and different voting methods.. The course provides an access point for math with students that have not found much success in traditional math courses and who have a need to be career and consumer ready. Students will have the opportunity to take the Capstone exams that will provide the opportunity to demonstrate competency and fulfill this state graduation competency for mathematics.

Probability & Statistics **Grades: 11-12** ***Course Length: 1 Year***
Prerequisite: Algebra 1 & Geometry ***Credit: 1 Unit***
Probability is the basis for mathematical models of situations in the sciences; statistics is the art of gathering, analyzing, and making inferences from data. Topics in this class include introduction to statistical thinking, interpretation of statistical data, data displays, data measures, computation of probabilities given events, frequency distributions, Normal Curve, Venn Diagrams, Tree Diagrams, Permutations & Combinations, application of random sampling to probability. This class will provide students with the ability to show their knowledge in a variety of projects and different ways throughout the entire year. Students will have the opportunity to take the Capstone exams that will provide the opportunity to demonstrate competency and fulfill this state graduation competency for mathematics. This course is for students in the Statistics Pathway and those who are interested in careers in criminal justice, economics, health scie3nces, political sciences, or social & Behavioral sciences.

AP Pre-Calculus** **Grades: 11-12** ***Course Length: 1 Year
Prerequisite: Algebra 2 ***Credit: 1 Unit***
This course is an advanced placement mathematics course meant for highly capable students. A wide range of topics are covered with emphasis on functions which are studied numerically, symbolically, and graphically. This course is strongly recommended for students who plan to continue in math, science, or related areas in college such as engineering and business. The topics covered should help to bridge the gap between high school and college mathematics. The initial units of differential calculus are completed at the end of the year in this course. This course serves as a foundation for and is a prerequisite to AP Calculus AB. **Graphing calculator required.**

AP Statistics** **Grades: 11-12** ***Course Length: 1 Year
Prerequisite: Algebra 2 OR any higher math course with a "C" or higher ***Credit: 1 Unit***
This is a college level course in statistics and probability. The course topics are approved and aligned with the Advanced Placement Statistics course description.. Students taking AP Statistics at Overland High School will be expected to take the AP exam. Course Topics include: Exploring One-Variable Data, Exploring Two-Variable Data, Collecting Data, Probability, Random Variables and Probability Distributions, Sampling Distributions, Inference for Categorical Data: Proportions, Inference for Quantitative Data: Means, Inference for Categorical Data: Chi-Squared, and Inference for

Quantitative Data: Slopes. Students will take the Advanced Placement (AP) Examination in statistics during May of spring semester. **Graphing calculator required.**

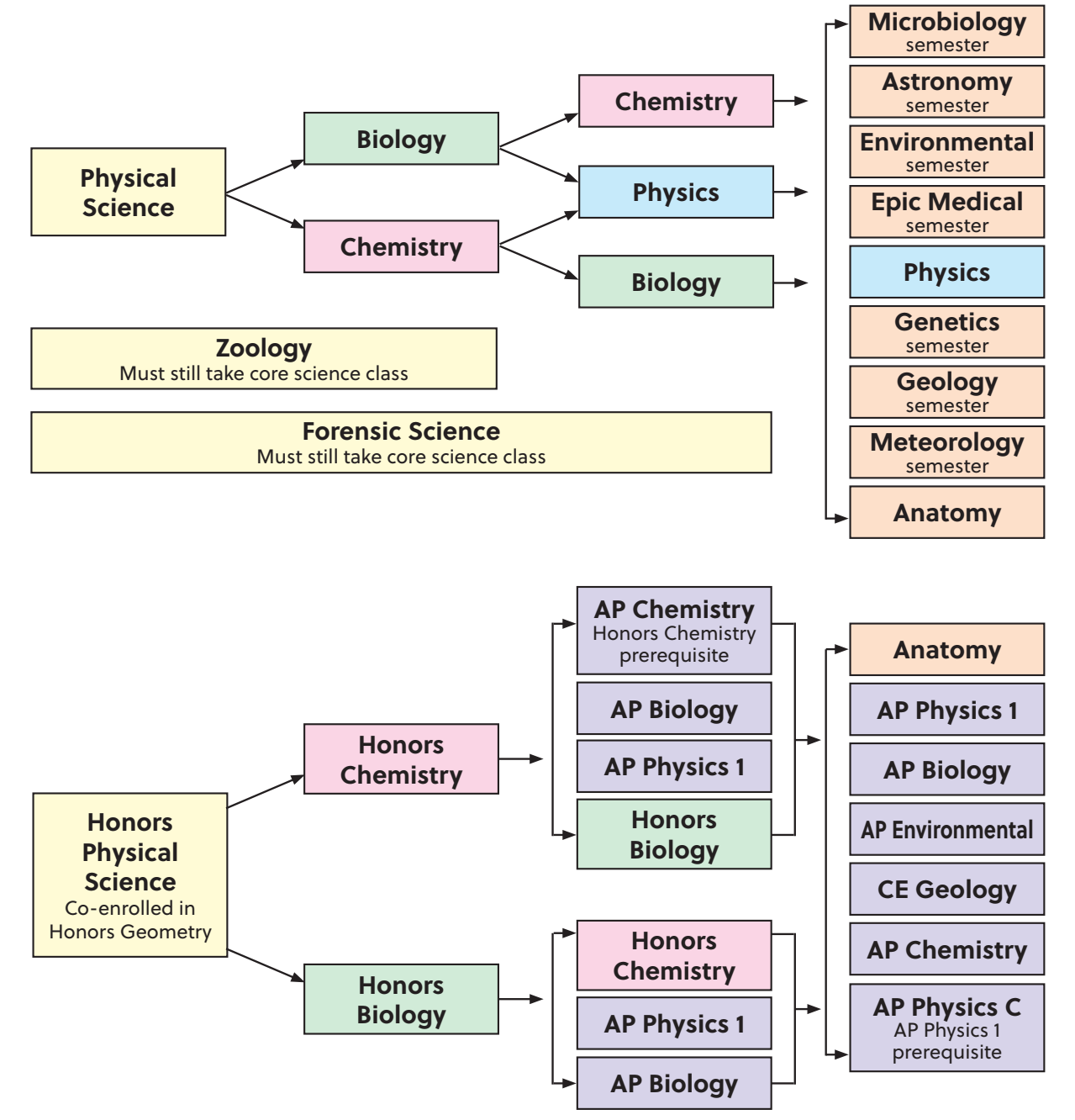
AP Calculus AB** **Grades: 11-12** ***Course Length: 1 Year
Prerequisite: Pre-Calculus or Algebra 2/PreCalc Honors ***Credit: 1 Unit***
This is a college level course in differential and integral Calculus covering the equivalent of Calculus 1. Topics for this class include first semester on limits and continuity, and Differentiation of many kinds and applications and second semester on Integration of many kinds and applications. Students will take the Advanced Placement (AP) Examination in calculus during May of spring semester. **Graphing calculator required.**

AP Calculus BC** **Grades: 11-12** ***Course Length: 1 Year
Prerequisite: Pre-Calculus or Algebra 2/PreCalculus Honors ***Credit: 1 Unit***
This is a college level course in differential and integral Calculus covering the equivalent of Calculus I and Calculus II. Topics included in this course are limits and continuity, Differentiation of many kinds and applications, Integration of many kinds and applications, Parametric equations, polar coordinates, vector-valued functions, and Infinite sequences & Series. Students will take the Advanced Placement (AP) Examination in calculus during May of spring semester. **Graphing calculator required.**

CE Calculus 3** CE **Grades: 11-12** ***Course Length: 1 Year
Prerequisite: AP Calculus BC ***Credit: 1 Unit***
This is a guaranteed transferable course to all Colorado colleges that offer the course. Calculus 3 is taken after completion of Calculus BC and is the 3rd semester of Calculus. Topics include Vectors & Geometry, Vector-Valued Functions, Functions of Several Variables, Multiple Integration and Vector Analysis. **Graphing Calculator is required.** Calculus 3 is a Concurrent Enrollment course through the Community College of Aurora. Students enrolled in this course will complete college-level work during their junior/senior year of high school. Students who have met the prerequisite and earn a "C" or better in the class will receive 4 credit hours.

CE Differential Equations** CE **Grades: 11-12** ***Course Length: 1 Sem
Prerequisite: AP Calculus BC ***Credit: ½ Unit***
This is a guaranteed transferable course to all Colorado colleges that offer the course. Differential Equations is taken second semester after completion of Differential Equations. provides an introduction to Linear Algebra and a survey of higher-level Collegiate Mathematics. This class explores techniques of problem solving and applications. Topics include first, second, and higher order differential equations, series methods, approximations, systems of differential equations, and Laplace transforms. **Graphing Calculator is required.** Differential Equations is a Concurrent Enrollment course through the Community College of Aurora. Students enrolled in this course will complete college-level work during their junior/senior year of high school. Students who have met the prerequisite and earn a "C" or better in the class will receive 3 credit hours.

Overland Science Pathways



NOTES

Science: 3 credits needed for graduation (semester course = .5 credit)
CE = concurrent enrollment for college credit
AP = advanced placement

Questions?
Daniel Ellis
Overland Science Department Coodinator
dellis15@cherrycreekschools.org
720-747-3646

SCIENCE

**Courses with weighted grades*

The Overland High School Science Department offers a wide variety of rigorous courses that prepare students for college, the workforce, and life. Our curriculum builds on the strong foundation established at Prairie Middle School, ensuring a smooth transition and continued growth. We focus on the Next Generation Science Standards (NGSS), emphasizing science and engineering practices. These practices help students develop critical thinking, effective problem-solving skills, and a strong sense of curiosity. With balanced offerings in biology, chemistry, physics, environmental science, and specialized electives, we empower students to explore their interests and excel in their future endeavors.

Physical Science **Grades: 9** ***Course Length: 1 Year***
Prerequisite: Algebra 1 (co-requisite) ***Credit: 1 Unit***
This course is designed to prepare students for further study in Biology, Geology, Astronomy, Chemistry, and Physics. Topics of study include chemistry, earth science/astronomy, and physics with an emphasis placed on experimental design and scientific process skills. A major portion of the course is spent in laboratory work.

Physical Science Honors** **Grades: 9** ***Course Length: 1 Year
Prerequisite: Teacher Recommendation ***Credit: 1 Unit***
This fast-paced course is designed to prepare students for further study in Biology Honors, Chemistry Honors, and AP science courses. Topics of study include chemistry, earth science/astronomy, and physics with an emphasis placed on experimental design and scientific process skills. A major portion of the course is spent in laboratory work.

Zoology **Grades: 9-10** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
This course gives an introduction to zoology, with particular emphasis on the structure/function and classification of both vertebrates and invertebrates. In addition, the students will explore basic knowledge in animal behavior, evolution, and human ecology (including an introduction to the biosphere and biodiversity). The course is intended to be very "hands-on" including dissections, and experimental animal behavior projects, as well as allowing students the opportunity to conduct print and web-based research. Students will also use 21st Century Skills to create multimedia showcases of their understanding.

Biology **Grades: 10-12** ***Course Length: 1 Year***
Prerequisite: Physical Science ***Credit: 1 Unit***
Students learn about organisms from a behavioral, ecological, genetic and evolutionary context. Students will explore how living systems interact with other organisms and their environment, analyze relationships between structure and function in living systems, analyze how organisms grow, develop and differentiate during their lifetimes, and use genetics to explain the biodiversity and the relatedness of all organisms. Units of study include: ecology, chemistry of life, cellular structure and function, genetics, and evolution. Laboratory activities reinforce concepts and principles presented.

Biology Honors** **Grades: 9-12** ***Course Length: 1 Year
Prerequisite: Physical Science, Geometry (co-requisite) ***Credit: 1 Unit***
In this fast-paced course, students learn about organisms from a behavioral, ecological, genetic and evolutionary context. Students will explore how living systems interact with other organisms and their environment, analyze relationships between structure and function in living systems, analyze how organisms grow, develop and differentiate during their lifetimes, and use genetics to explain the biodiversity and the relatedness of all organisms. The student will learn the biochemistry of living things, the cellular and molecular structure of organisms, genetics, evolution, ecology and the diversity of life forms including humans. Honors biology improves the student's critical thinking skills, problem-solving ability and technical writing skills. Laboratory activities reinforce concepts and principles presented. This course covers the same topics as the regular biology program, but in a greater depth and at an accelerated rate.

Chemistry **Grades: 10-12** ***Course Length: 1 Year***

Prerequisite: Physical Science, Geometry (co-requisite) ***Credit: 1 Unit***

This course provides the opportunity to develop knowledge and understanding about the relationships between the structure and properties of matter, and the interaction of mass and energy. Units of study include: matter and its changes, atomic structure, chemical composition, nomenclature, reactions, stoichiometry, gas laws, periodicity, bonding, molar geometry, and thermochemistry. Laboratory activities reinforce concepts and principles presented in this course. This class teaches students fundamental chemical concepts and an understanding of the connection to the world around them. This curriculum incorporates technical reading and writing skills in alignment with the Colorado State Standards.

Chemistry Honors** **Grades: 9-12** ***Course Length: 1 Year

Prerequisite: Physical Science, Geometry Honors (co-requisite) or higher ***Credit: 1 Unit***

This course is designed as an AP Science preparatory class and provides the opportunity to develop knowledge and understanding about the relationships between the structure and properties of matter, and the interaction of mass and energy. Units of study include: matter and its changes, atomic structure, chemical composition, nomenclature, reactions, stoichiometry, gas laws, periodicity, bonding, molar geometry, and thermochemistry. Laboratory activities reinforce concepts and principles presented in this course. This class is designed to teach the student fundamental chemical concepts and provide an understanding of their connection to the world around them. This course covers the same topics as the regular Chemistry program, but in greater depth and at an accelerated rate. It provides a solid foundation of chemical, quantitative, and technological concepts for those students planning to study science and technology in college. This class is a prerequisite for AP Chemistry.

Physics **Grades: 11** ***Course Length: 1 Year***

Prerequisite: Algebra 2 or higher (may be taken concurrently) ***Credit: 1 Unit***

Physics is a study of the laws that control the physical world. The topics include motion, forces, momentum, energy, waves (sound, light, radio, water, etc.), electricity, magnetism, relativity and atomic physics. Laboratory work serves to promote understanding and to illustrate the experimental nature of physics.

AP Physics 1** **Grades: 11-12** ***Course Length: 1 Year

Prerequisite: Pre-Calculus (may be taken concurrently) OR teacher recommendation ***Credit: 1 Unit***

AP Physics 1 is Algebra-Based. It is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits. The expectation is that students take the AP exam at the end of this course.

AP Biology** **Grades: 10-12** ***Course Length: 1 Year

Prerequisite: Chemistry (may be taken concurrently) OR Teacher Recommendation ***Credit: 1 Unit***

AP Biology is designed to be the equivalent of a college introductory biology course. Units of study include: chemistry of life, cells, cellular energetics, heredity, molecular genetics, evolutionary biology, diversity of organisms, structure and function of plants and animals, and ecology. This course differs significantly from a high school course with respect to the laboratory work done and the time and effort of the student outside of class. The expectation is that students take the AP exam at the end of this course. College credit and placement are awarded by individual universities based on the student's performance on the national AP Biology exam. Students are encouraged to purchase a college text for the course. Prerequisite: Honors Chemistry as 9th grader, to take as a 10th grader or 12th grader.

AP Physics C** **Grades: 12** ***Course Length: 1 Year

Prerequisite: AP Calculus AB (pre-requisite OR may be taken concurrently) ***Credit: 1 Unit***

AP Physics C is designed to be the equivalent of a college introductory physics course. The curriculum for this class is the College Board Advanced Placement Physics Curriculum. Units of study will include: kinematics, Newton's laws of motion, work, energy, power, systems of particles, linear momentum, circular motion and rotation, oscillations and gravitation, electrostatics, conductors, capacitors and dielectrics, electric circuits, magnetic fields and electromagnetism. This course differs significantly from a high school course with respect to the laboratory work done and the time and effort of the student outside of class. The expectation is that students take the AP exam at the end of this course.

AP Environmental Science** **Grades: 11-12** ***Course Length: 1 Year
Prerequisite: 1 year of Biology, 1 year of Chemistry AND Algebra 1, all with a "C" or higher ***Credit: 1 Unit***
AP Environmental Science is designed to be the equivalent of a college introductory Environmental Science course. Units of study include: earth science concepts, the atmosphere, global water resources and use, soil and soil dynamics, ecosystem structure, energy flow, global water resources and use, soil and soil dynamics, ecosystem structure, energy flow, ecosystem diversity, natural ecosystem change, and natural biogeochemical cycles. This course differs significantly from a high school course with respect to the laboratory work done and the time and effort of the student outside of class. The expectation is that students take the AP exam at the end of this course. College credit and placement are awarded by individual universities based on the student's performance on the national AP Environmental Science exam. Students are encouraged to purchase a college text for the course.

AP Chemistry** **Grades: 11-12** ***Course Length: 1 Year
Prerequisite: 1 year of Chemistry AND Algebra 2 both with a "C" or higher ***Credit: 1 Unit***
AP Chemistry is a year-long course designed to be the equivalent of a college freshman level chemistry course. The fundamental assumptions and structure of chemistry are rigorously studied with emphasis on the quantitative aspects of chemical systems. Extensive laboratory work is an integral part of the curriculum. Units of study include: atomic theory and atomic structure, chemical bonding, nuclear chemistry, gases, liquids and solids, solutions, reaction types, stoichiometry, equilibrium, kinetics, thermodynamics and descriptive chemistry. This course differs significantly from a high school course with respect to the laboratory work done and the time and effort of the student outside of class. The expectation is that students take the AP exam at the end of this course. Students are encouraged to purchase a college text for the course.

Anatomy & Physiology **Grades: 12** ***Course Length: 1 Year***
Prerequisite: Biology AND Chemistry both with a "C" or higher ***Credit: 1 Unit***
Anatomy/Physiology is a college level class that covers the structure and function of the human body. Students learn about cells and tissues, cancer and disease, the skeletal, muscular, nervous, and cardiovascular systems, and other systems of the human body. This course involves lecture and lab work. Every student must complete a semester enrichment project for four hours outside of class time. Most students taking this class are interested in a health/medical career. Students must have passed biology with a minimum of a C grade both semesters and have taken will be taking chemistry.

Astronomy **Grades: 12** ***Course Length: 1 Semester***
Prerequisite: Algebra 1 AND 1 year of a lab science ***Credit: ½ Unit***
This course introduces students to the study of astronomy, including its history and development. It is designed to give the student a greater appreciation for one of the most rapidly changing realms of science. Topics will include: historical astronomy, astronomical instruments and their use, celestial orientation, the solar system, stars and galaxies. This course will investigate the current research including spectroscopic analysis and the evidence for an expanding universe. Major constellations, with their associated stars and mythologies, will also be described throughout the semester. **This course will require individual outside observation and measurement.**

Environmental Science **Grades: 12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
This is a course focusing on the relationships between humans and the natural resources provided to us. This course will investigate how energy and materials supplied to us by our environment are utilized by humans and to what effect these uses have on our surroundings, to identify, analyze, and resolve environmental issues from an interdisciplinary perspective. This course will stress scientific literacy through application of problem-solving skills while encouraging reflection in the social sciences to broaden student perception of their role in the environment.

Epic Medical Careers **Grades: 11-12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
Epic Medical Careers is a seminar-based course designed to expose students to the exciting and diverse world of medicine. This class is available for highly-motivated juniors and seniors who hope to pursue a career in healthcare. Students will hear from a different guest speaker each class from a variety of medical careers including cardiology, nursing, genetic counseling, osteopathy, research, surgery, healthcare management, and oncology.

Forensic Science **Grades: 9-11** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
Forensic Science is the application of science to those criminal and civil laws that are enforced by police agencies. It is a practice that incorporates Biology, Chemistry, Entomology, Earth Science, Physics, Anatomy and Physiology, as well as other areas of science and technology. Observational Skills, Investigation and Evidence Collection, Trace Evidence (Hair, pollen, fibers, glass), Fingerprinting, DNA Analysis, Blood Pattern Analysis, Document Analysis, and Ballistics will be among the specific areas studied.

Genetics **Grades: 12** ***Course Length: 1 Semester***
Prerequisite: Successful completion of 2 years of Science ***Credit: ½ Unit***
Genetics is a lab-based course designed to teach the student fundamental genetics concepts and provide an understanding of their connection to the world around them. In this course, students will study the cell, cell processes and genetics. Specifically, students investigate the cellular basis of inheritance, patterns of inheritance, DNA, human genetics, and modern applications of DNA technology. Math and reading levels are also accessible for students of ALL levels.

Geology **Grades: 11-12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
In Geology, we will explore Earth as a dynamic system. Students will investigate the processes and evidence that show how our planet renews itself. Topics include plate tectonics, minerals, rocks, weathering, erosion, energy resources, and geologic time. We will also study the remarkable geology found throughout Colorado.

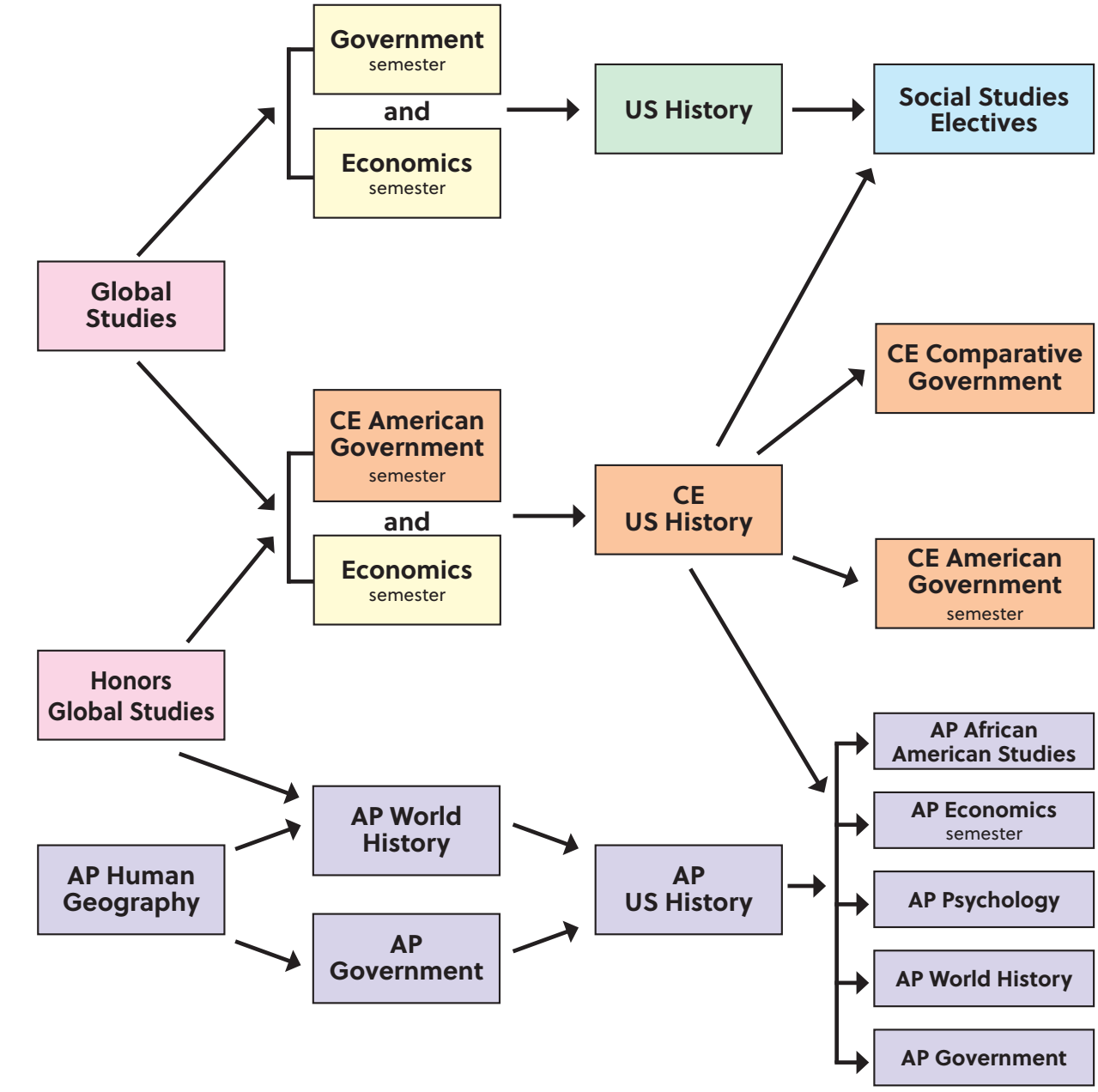
CE Physical Geology w/Lab** CE **Grades: 12** ***Course Length: 1 Year
Prerequisite: Chemistry and Algebra with a C or better ***Credit: 1 Unit***
This course examines the physical and historical geology of the Earth with an emphasis on natural resources. Topics studied include rock & mineral identification through physical & chemical techniques, plate tectonics, geologic time, structural geology, streams, mass wasting, and landforms. This course is a Concurrent Enrollment course through the Community College of Aurora. Students enrolled in this course will complete college-level work over the course of a full school year. Students who have met the prerequisite and earn a C or better for both semesters will receive 4 college lab credits.

Introduction to Science Research **Grades: 9-11** ***Course Length: 1 Year***
Prerequisite: Instructor Approval ***Credit: 1 Unit***
This course is designed to introduce students to scientific research. Students will be introduced to and solidify their understanding of the scientific method and engineering design process, learn how to access and analyze scientific literature at a variety of levels, and use a laboratory notebook to document progress, record findings, and organize research. The scientific writing process will be introduced as students prepare and critique one another's manuscripts. Students will present their findings around one of several ongoing research projects to their peers during an in-class seminar series and through a public poster session. This course may be retaken to receive the course credit.

Microbiology **Grades: 11-12** ***Course Length: 1 Semester***
Prerequisite: Biology with a "C" or higher AND Chemistry (may be taken concurrently) ***Credit: ½ Unit***
Microbiology is the study of "small life" - single-celled organisms such as bacteria. Students will learn standard microbiology laboratory techniques (such as cultivating microbes and microscopy) throughout the semester. Students then apply what they learn to identify unknown bacteria samples.

Meteorology **Grades: 11-12** ***Course Length: 1 Semester***
Prerequisite: Biology with a "C" or higher AND Chemistry (may be taken concurrently) ***Credit: ½ Unit***
Meteorology is the study of the Earth's atmosphere and its effect on weather and climate phenomena. Students will use scientific lab and inquiry skills to understand the impacts of weather and climate on our daily lives. Topics of study include: structure/layers of the atmosphere, solar influences on weather, atmospheric moisture and cloud formation, air pressure and wind, forecasting methods and models, severe weather, climate and climate change.

OHS Social Studies Pathways



NOTES

Social Studies
4.0 credits recommended
3.0 credits required
Must include 1.0 credit U.S. History and 0.5 credit Government

Questions?
Melissa Lindsey
OHS Social Studies Dept. Coodinator
mlindsey@cherrycreekschools.org
720-747-3728

SOCIAL STUDIES

**Courses with weighted grades*

The Social Studies Department offers a wide selection of courses designed to advance the interests and abilities of all students. Students will be empowered to apply academic skills in their coursework both in the Social Studies Department and in other core content areas.

It is the expectation that our students will be prepared for college, the workforce, and life in our society. To ensure this, our focus is on developing skilled and informed students with a desire to be lifelong learners who contribute to society and think critically about local, national, and international issues.

Global Studies **Grades: 9** ***Course Length: 1 Year***
Prerequisite: None ***Credit: 1 Unit***
Students will examine major themes of world history from the years 1200 through the present day. The examination of long-term cause and effect will be conducted through critical thinking, reading, writing, and speaking skills. This will be combined with human geography concepts of culture, population, natural resources, development, human rights, and globalization with a focus on exploring reasons why the world is unevenly developed. ***This course includes Holocaust and Genocide Studies.***

Honors Global Studies** **Grades: 9** ***Course Length: 1 Year
Prerequisite: None ***Credit: 1 Unit***
This course is aimed to move at a faster pace to prepare students for future AP and CE Social Studies courses. It will examine major themes of world history from the Fall of Rome through Modern Day events. The examination of long-term cause and effect will be taught through the refining of students' critical thinking, reading, writing, and speaking skills that students have already shown to possess and exhibit proficiency within the Social Sciences. This course combines the human side of geography with concepts of culture, population, natural resources, development, human rights, and globalization. Class discussions and argumentative writing will center around understanding why the world is unevenly developed. ***This course includes Holocaust and Genocide Studies.***

AP Human Geography** **Grades: 9** ***Course Length: 1 Year
Prerequisite: Proficient Reading Skills & 8th Grade Teacher Recommendation ***Credit: 1 Unit***
AP Human Geography is a college-level introductory human geography and cultural geography course. The content is presented thematically rather than regionally and is organized around the discipline's main subfields: economic geography, cultural geography, political geography, and urban geography. The approach is spatial and problem oriented. Case studies are drawn from all world regions, with an emphasis on understanding the world in which we live today. Historical information serves to enrich analysis of the impacts of phenomena such as globalization, colonialism, and human–environment relationships on places, regions, cultural landscapes, and patterns of interaction. ***This course includes Holocaust and Genocide Studies.***

Government **Grades: 10** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
This course provides a basis for understanding American government on the national, state, and local levels. It also emphasizes the necessity for the participation of the citizen in political activities. Students will develop the ability to analyze the evolution of democratic structures and principles in the United States. Students will also develop their ability to evaluate participation in civic life and influence public policy. They will discuss the origins of civil liberties and how they have expanded, protected and challenged over time. Students will engage with a number of primary sources in order to make connections and practice analytical skills. Students will be exposed to a diverse and multi-dimensional story of the United States government. By the end of the semester, students will be able to use their knowledge of the US government to form coherent arguments, engage in conversations around current events, and express their political opinions clearly with evidence. ***This course is required for graduation throughout all high schools in the state of Colorado.***

Economics **Grades: 10** ***Course Length: 1 Sem***

Prerequisite: None ***Credit: ½ Unit***

Current economic issues will serve as a foundation for the application of economic theory in this semester course. Analysis of the American economic system as it relates to the individual and other economic systems will be a focus. Specific units will cover microeconomic concepts such as the law of supply and demand, factors of production, and the business cycle. Macroeconomic topics will include money and banking, monetary and fiscal policy, international trade, the impact of globalization and Personal Financial Literacy. *This course includes personal financial literacy standards.*

U.S. History **Grades: 11** ***Course Length: 1 Year***

Prerequisite: None ***Credit: 1 Unit***

This course is designed to explore America's historical development from the Reconstruction Era to the present day. Students will acquire a sense of chronology, identify causes and effects, recognize the events, individuals, and philosophies that helped shape our contemporary society, and use historical inquiry to evaluate prominent episodes in U.S. history. Some major topics include social and ethnic development, Industrialization, the World Wars, the Depression, the Cold War Era, the Vietnam Era, the 1960's and 70's, and the developments of the 1980's and early 1990's. This course meets U.S. History requirement. ***This course is required for graduation throughout all high schools in the state of Colorado.***

AP U.S. History** **Grades: 11** ***Course Length: 1 Year

Prerequisite: "B" Average in Social Studies courses AND 10th grade Teacher Recommendation ***Credit: 1 Unit***

A college-level course designed to provide students with the skills and factual knowledge necessary to succeed in a post-secondary level history class. The course will cover the political, diplomatic, economic, social, cultural and intellectual history of the United States from 1492 to the present. This course will prepare each student for intermediate and advanced college history courses by making demands equivalent to those of a full year introductory college course. This yearlong course prepares each student for the AP Exam in May. Students who pass the national exam will receive six semester hours of college credit in history and/or advanced placement in college courses. This course meets U.S. History requirement.

CE US History to Reconstruction** CE **Grades: 11** ***Course Length: 1 Sem

Prerequisite: Teacher Recommendation ***Credit: ½ Unit***

This six-credit concurrent enrollment course begins with the development of early America and the period of European exploration and colonization. The student will study important periods in the development of the United States. Some major topics include the American Revolution, the U.S. Constitution, the Civil War, social and ethnic development, Industrialization, the World Wars, the Depression, the Cold War Era, the Vietnam Era, the 1960's and 70's, and developments of the 1980's and early 1990's. Through the use of critical thinking, the student will analyze these periods of the past and discover their relevance to the present. This course is a Concurrent Enrollment course through the Community College of Aurora. Students enrolled in this course will complete college-level work during their junior year of high school. Students who have met the prerequisite and earn a "C" or better in the class will receive 6 college credits (3 credits per semester in conjunction with CE US History Since Civil War). This concurrent enrollment course is a statewide guaranteed transfer course.

CE US History Since Civil War** CE **Grades: 11** ***Course Length: 1 Sem

Prerequisite: Teacher Recommendation ***Credit: ½ Unit***

This six-credit concurrent enrollment course begins with the development of early America and the period of European exploration and colonization. The student will study important periods in the development of the United States. Some major topics include the American Revolution, the U.S. Constitution, the Civil War, social and ethnic development, Industrialization, the World Wars, the Depression, the Cold War Era, the Vietnam Era, the 1960's and 70's, and developments of the 1980's and early 1990's. Through the use of critical thinking, the student will analyze these periods of the past and discover their relevance to the present. This course is a Concurrent Enrollment course through the Community College of Aurora. Students enrolled in this course will complete college-level work during their junior year of high school. Students who have met the prerequisite and earn a "C" or better in the class will receive 6 college credits (3 credits per semester in conjunction with CE US History to Reconstruction). This concurrent enrollment course is a statewide guaranteed transfer course.

AP World History** **Grades: 10-12** ***Course Length: 1 Year
Prerequisite: "B" Average in Social Studies courses AND 9th grade Teacher Recommendation ***Credit: 1 Unit***
World History explores societies, institutions and ideas that constitute the history of our world. This course progresses chronologically and thematically, technological and environmental transformations, organization and reorganization of human societies, regional and transregional interactions, global interactions, industrialization and global integration, and the accelerating global change and realignments. The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course builds on an understanding of cultural, institutional, and technological precedents. Specific themes provide further organization to the course, along with the consistent attention to contacts among societies that form the core of world history as a field of study. At the end of the course students will take the AP examination for college credit.

AP U.S. Government & Politics** **Grades: 10-12** ***Course Length: 1 Year
Prerequisite: "B" Average in Social Studies courses AND 9th grade Teacher Recommendation ***Credit: 1 Unit***
AP US Government and Politics is designed as a college-level course. You will study the workings of the American political system, including why people vote the way they do, what your rights are in the United States, and how and why America creates domestic and foreign policies. The course is a mixture of some activities in the classroom and some that will take you into the 'real world' of politics and government. An advanced placement exam will be given at the end of the course, which provides students with the opportunity to earn college credits. The course is designed to address and exceed content area standards in government and civics. Student must pass both semesters to fulfill the high school credit requirement. *This course includes personal financial literacy standards.*

CE American Government** CE **Grades: 10-12** ***Course Length: 1 Semester
Prerequisite: 2.5 GPA OR approval from previous Social Studies instructor ***Credit: ½ Unit***
This course focuses on the practical understanding of the American government system, including: the US Constitution, civil rights and civil liberties, the role of political parties, interest groups, elections, the media, and how people can impact public policy. This course will fulfill the high school government credit requirement. This course is a Concurrent Enrollment course through the Community College of Aurora. Students enrolled in this course will complete college-level work during their sophomore-year of high school. Students who have met the prerequisite and earn a "C" or better in the class will receive 3 college credits. This concurrent enrollment course is a statewide guaranteed transfer course.

CE Comparative Government CE **Grades: 12** ***Course Length: 1 Semester***
Prerequisite: 2.5 GPA OR approval from previous Social Studies instructor ***Credit: ½ Unit***
This class focuses on how governments outside of the United States work. Countries include, but are not limited to: the United Kingdom, Nigeria, Iran, Russia, Mexico, China and the European union. You will learn how other countries make and deal with domestic and foreign policy issues and how culture impacts the government processes. The course is designed for students interested in international affairs, business, or social issues. Political Science is a Concurrent Enrollment course through the Community College of Aurora (Comparative Government- POS 225). Students enrolled in this course will complete college-level work during their junior/senior year of high school. Students who have met the prerequisite and earn a "C" or better in the class will receive 3 college credits.

American Ethnic Studies **Grades: 11-12** ***Course Length: 1 Semester***
Prerequisite: Students need to have taken US History or be currently taking US History. ***Credit: ½ Unit***
This course focuses on the history of ethnic and racial minority groups in the United States of America. Students will have the opportunity to learn about racism, oppression, xenophobia, and ongoing efforts to fight for greater social, economic, and political equity. The writings, rhetoric, and actions of historically oppressed people will be examined and paired with modern perspectives of those who continue to push for greater inclusion, access, and opportunity. This highly interactive course will help students hone skills that are crucial for college and careers.

Sociology **Grades: 12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
An in-depth look at local, national, and international current events that affect everyday life in America. Using a variety of techniques such as discussion, news media, guest speakers, and research, students are exposed to the issues and

developments that impact our society. The goal of the course is to stimulate interest in national and international affairs and thus motivate the student to become more actively involved in the contemporary issues of our society.

Latin American Studies **Grades: 12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
A semester-long course that offers a survey of the historical and modern societies of Mexico, Brazil, Argentina, Cuba, Puerto Rico, and other Latin American and Caribbean nations. Cultural, social, political, geographic, military, and economic features of the region will be examined.

World Religions **Grades: 12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
Offers students the opportunity to explore the major religions and philosophies of the world, including Hinduism, Buddhism, Taoism, Judaism, Islam and Christianity. This class explores the historical origins of each religion, its beliefs and practices, and the impact each religion has on its members. Students can expect a high level of discussion and an even higher level of critical thinking. Guest speakers and a day long field trip to the area's holy sites will also be used to further understand each faith. College readiness skills will also be sharpened through essay writing, research projects and student presentations.

Colorado History **Grades: 12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
The story of the people, society, and cultures of Colorado from its earliest Native Americans, through the Spanish influx, the explorers, the fur traders and mountain men, the gold rush, railroad builders, the cattlemen and farmers, the silver boom, the tourists, and the modern state.

Psychology **Grades: 12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
The study of human behavior. This semester long course is designed to introduce students to the basic principles of psychology and how it applies individually and in our society. Topics will include developmental psychology, learning principles and applications, personality theory, the brain, and mental disorders. The goals of the course are to provide information that students can use in their everyday life, as well as to provide a foundation in the field of psychology.

AP Psychology** **Grades: 12** ***Course Length: 1 Year
Prerequisite: "B" Average in Social Studies courses AND Teacher Recommendation ***Credit: 1 Unit***
A college-level course designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major sub-fields within psychology. They also learn about the methods psychologists use in their science and practice. Units of study revolve around the biological bases of behavior, learning, motivation and emotion, with emphasis on the brain's role in development and personality. College readiness skills such as note-taking, study aides, organization and test taking will also serve as a foundation for all students to adhere to for successful comprehension of the course material. Students are expected to have a strong work ethic and exemplar attendance. There will be an AP exam in May.

Geographic Information Systems **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
An introduction to the concepts and uses of Geographic Information Systems (GIS). GIS is a system of computer software, hardware, and personnel designed to visualize, manipulate, analyze, and display spatial data. A GIS can create "Smart Maps" that links a database to a map. This allows individuals to view relationships, patterns, or trends that are not possible to see with traditional charts, graphs, and spreadsheets. Students will work with GPS units and build maps from actual satellite coordinate data. Through computer lab tutorials and case studies, students will learn to use AcrGIS 10 Software from Environmental Systems Research Institute (ESRI). Some topics include City and Regional Planning, Community and Economic Planning and Development, Housing Studies, Transit and Transportation Issues, Land Use, Historic and Archeological Studies, Crime Analysis and Policing, Emergency Management and Public Works Utilities, Census and Demographic Studies, Public Health, and Business uses including Marketing and Advertising.

AP Macroeconomics** **Grades: 11-12** ***Course Length: 1 Semester

Prerequisite: "B" Average in Social Studies courses AND Teacher Recommendation ***Credit: ½ Unit***

This class focuses on the study of the national economy, emphasizing business cycles and long-run growth trends. Explores how macroeconomic performance is measured, including Gross Domestic Product and labor market indicators. Examines the saving-investment relationship and its relationship to Aggregate Supply and Aggregate Demand. Discusses money and banking, international trade, fiscal and monetary policy. Explores the macroeconomic role of the public sector.

AP African American Studies** **Grades: 11-12** ***Course Length: 1 Year

Prerequisite: "B" Average in Social Studies courses AND Teacher Recommendation ***Credit: 1 Unit***

AP African American Studies is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with authentic and varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary movement. Given the interdisciplinary character of African American studies, students in the course will develop skills across multiple fields, with an emphasis on developing historical, literary, visual, and data analysis skills. This course foregrounds a study of the diversity of Black communities in the United States within the broader context of Africa and the African diaspora.

OHS World Languages Pathways

Chinese 1
9-12
year-long

Chinese 2
9-12
year-long

Chinese 3
10-12
year-long

Chinese 4 Honors
10-12
year-long
(W)

AP Chinese Language & Culture
11-12
year-long
(W)

French 1
9-12
year-long

French 2
9-12
year-long

French 3
9-12
year-long

French 4
10-12
year-long

AP French Language & Culture
11-12
year-long
(W)

Spanish 1
9-12
year-long

Spanish 2
9-12
year-long

Spanish 3
9-12
year-long

Spanish 4
10-12
year-long

AP Spanish Language & Culture
10-12
year-long
(W)

AP Spanish Literature & Composition
11-12
year-long
(W)

Spanish for Spanish Speakers
9-12
year-long
PLACEMENT TEST REQUIRED

NOTES W = weighted grade

Questions?
Kelly Osuna
Overland World Languages Coodinator
kosuna@cherrycreekschools.org
720-747-3818

WORLD LANGUAGES

**Courses with weighted grades*

The Overland-Prairie World Languages Department offers a wide selection of courses designed to advance the interests and abilities of all students. Students learn to communicate in one of the four languages our department offers and are empowered to apply academic skills in their course work. It is the Campus' expectation that students will be prepared for college and the workforce. Students gain knowledge and understanding of other cultures, connect with other disciplines within the school, gain insight into the nature of language and culture, and participate in multilingual communities at home and around the world. Our department's ultimate goal is to enable students to know how, when, and why to say what to whom, as stated in the National Standards for Foreign Language Learning.

Chinese 1 **Grades: 9-12** ***Course Length: 1 Year***
Prerequisite: None ***Credit: 1 Unit***
Students taking this course learn the basic language skills of Mandarin Chinese by listening, speaking, reading and writing. Emphasis is on phonetics, listening comprehension and oral proficiency, as well as formation of Chinese characters and basic grammatical structures. Students are exposed to the cultural geography of China.

Chinese 2 **Grades: 9-12** ***Course Length: 1 Year***
Prerequisite: Completion of Chinese 1 ***Credit: 1 Unit***
This is a continuation of Chinese 1. Emphasis is placed on learning basic language skills of Mandarin Chinese by listening, speaking, reading, and writing. Some of the more complicated grammatical points are learned at this level. Continued vocabulary building and cultural study are important components of this course.

Chinese 3 **Grades: 10-12** ***Course Length: 1 Year***
Prerequisite: Completion of Chinese 2 ***Credit: 1 Unit***
This is a continuation of Chinese 2. Speaking and interpretive comprehension are emphasized in a step-by-step approach. Students use a varied selection of characters, sentence patterns, and vivid illustrations to engage in conversations. Students explore highly relevant topics such as family, daily life, school, and sports while incorporating useful vocabulary.

Chinese 4 Honors** **Grades: 11-12** ***Course Length: 1 Year
Prerequisite: Completion of Chinese 3 ***Credit: 1 Unit***
Chinese 4 Honors is designed to develop greater fluency in speaking and writing, and to increase listening and reading comprehension. It includes an in-depth study of Chinese life and cultures. This course is conducted primarily in Chinese.

AP Chinese Language & Culture** **Grades: 11-12** ***Course Length: 1 Year
Prerequisite: Completion of Chinese 4 ***Credit: 1 Unit***
Students will further their study of the Chinese language and culture to prepare for the AP exam in May. Emphasis is on interpersonal skills, interpretation of spoken and written Chinese, and a knowledge of Chinese culture. The expectation is that students take the AP exam at the end of this course.

French 1 **Grades: 9-12** ***Course Length: 1 Year***
Prerequisite: None ***Credit: 1 Unit***
French 1 introduces students to the French language and Francophone cultures. This year-long academic elective is an introduction to the basic language skills of listening, speaking, reading, and writing. It is designed for students who have not taken French. The course will meet both the district framework and state standards for world languages.

French 2 **Grades: 9-12** ***Course Length: 1 Year***
Prerequisite: Completion of French 1 at the high school OR middle school level ***Credit: 1 Unit***
This is a continuation of French 1. Emphasis is on the further development of listening, speaking, reading, and writing for communication. Francophone cultural aspects are an integral part of the curriculum.

French 3 **Grades: 9-12** ***Course Length: 1 Year***
Prerequisite: Completion of French 2 ***Credit: 1 Unit***
French 3 continues to develop the language skills of listening, speaking, reading, and writing. Complex grammar is taught. Students read authentic material and study details of Francophone life and culture. This course is conducted primarily in French.

French 4 Honors** **Grades: 10-12** ***Course Length: 1 Year
Prerequisite: Completion of French 3 ***Credit: 1 Unit***
French 4 Honors is designed to develop greater fluency in speaking and writing, and to increase listening and reading comprehension. It includes an in-depth study of Francophone life and cultures. Students read selections from various French authors. This course is conducted primarily in French.

AP French Language & Culture** **Grades: 11-12** ***Course Length: 1 Year
Prerequisite: Completion of French 4 ***Credit: 1 Unit***
The learning objectives for this course include interpersonal, presentational, and interpretive communication. Students are prepared for the Advanced Placement Language and Culture Exam. Six main themes: beauty and aesthetics, contemporary life, families and communities, global challenges, personal and public identities, and science and technology are explored throughout the year. This course is conducted in French The expectation is that students take the AP exam at the end of this course.

Spanish 1 **Grades: 9-12** ***Course Length: 1 Year***
Prerequisite: None ***Credit: 1 Unit***
Spanish 1 introduces students to the Spanish language and Hispanic cultures. This year-long academic elective is an introduction to the basic language skills of listening, speaking, reading, and writing. It is designed for students who have not taken Spanish. The course will meet both the district framework and state standards for world languages.

Spanish 2 **Grades: 9-12** ***Course Length: 1 Year***
Prerequisite: Completion of Spanish 1 at the high school OR middle school ***Credit: 1 Unit***
This is a continuation of Spanish 1. Emphasis is on the further development of listening, speaking, reading and writing. Hispanic culture aspects continue to be an integral part of the curriculum.

Spanish 3 **Grades: 9-12** ***Course Length: 1 Year***
Prerequisite: Completion of Spanish 2 ***Credit: 1 Unit***
Spanish 3 continues to develop the language skills of listening, speaking, reading and writing. Complex grammar is taught. Students read authentic materials and study details of Hispanic life and culture. This course is conducted primarily in Spanish.

Spanish for Spanish Speakers **Grades: 9-12** ***Course Length: 1 Year***
Prerequisite: Placement Test Required ***Credit: 1 Unit***
This course prepares native speakers for Advanced Placement courses in Spanish. It is designed for students with a personal connection to the language and culture who converse with ease and confidence about topics related to Latino culture and daily life. The focus is on vocabulary development, grammar structures and functions, and literacy skills. Students further develop writing skills through creative projects. This course is conducted primarily in Spanish. Students may be required to pay for national Spanish exams.

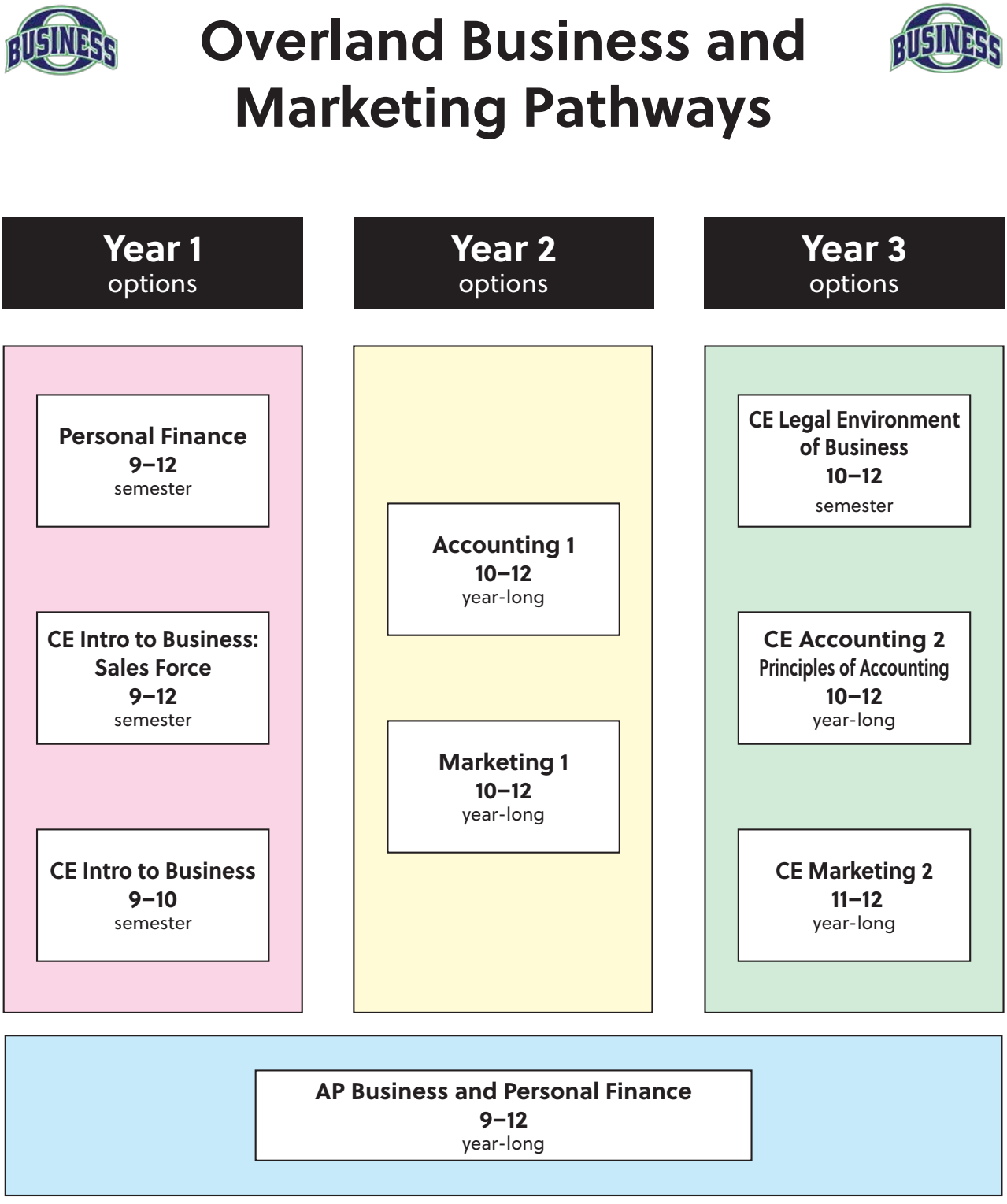
Spanish 4 Honors** **Grades: 10-12** ***Course Length: 1 Year
Prerequisite: Completion of Spanish 3 OR Spanish for Native Speakers ***Credit: 1 Unit***
This Course is designed to prepare students for the AP Spanish Language course. Students develop communicative strategies while expanding upon their skills. Students continue to learn about the Hispanic culture through arts and humanities. This course is conducted primarily in Spanish.

AP Spanish Language and Culture** **Grades: 10-12** ***Course Length: 1 Year
Prerequisite: Completion of Spanish 4 or Instructor Approval ***Credit: 1 Unit***
The learning objectives for this course include interpersonal, presentational and interpretive communication. Students are prepared for the Advanced Placement Language and Culture Exam. Six main themes: beauty and aesthetics, contemporized life, families and communities, global challenges, personal and public identities, and science and

technology are explored throughout the year. This course is conducted in Spanish. The expectation is that students take the AP exam at the end of this course.

AP Spanish Literature and Culture** **Grades: 11-12** ***Course Length: 1 Year
Prerequisite: Completion of AP Spanish Language/Culture ***Credit: 1 Unit***
The AP Spanish Literature course is designed to meet the requirements of a third-year college introduction to Hispanic Literature class. This course is conducted in Spanish. Readings include works from seven centuries of Hispanic Literature. The list was created by the College Board to ensure that all significant genres, literary periods and geographical areas are included in the course of study. The expectation is that students take the AP exam at the end of this course.

Overland Business and Marketing Pathways



NOTES CE = concurrent enrollment for college credit
AP = advanced placement

Questions?
Erica McHenry-Hutto
Overland CTE Department Coodinator
emchenryhutto@cherrycreekschools.org
720-747-3866

BUSINESS AND MARKETING

**Courses with weighted grades*

According to the *Princeton Review*, the number one major for college students is…BUSINESS! Courses in the Business Education Department will give students the opportunity to prepare for any college major and for a successful career. Students may take foundations courses in Computer Applications and Business & Personal Finance. Students may also take courses that will earn college credit in Accounting and Marketing. Additionally, students can challenge themselves with the rigor of AP Economics. Students have the chance to develop leadership skills in the two co-curricular students associations affiliated with these programs--FBLA (Future Business Leaders of America) and DECA (An Association of Marketing Students). These national organizations enhance what is learned in the classroom by providing students the opportunity to participate in community service activities, competitive events and travel around the country to leadership conferences.

Personal Finance CTE **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: 1/2 Unit***
Surveys the basic personal finance needs of most individuals and introduces the personal finance tools useful in planning and instituting a successful personal financial philosophy. The course emphasizes the basics of budgeting, buying, saving, borrowing, career planning, investing, retirement planning, estate planning, insurance, and income taxes. Students are encouraged to join FBLA (Future Business Leaders of America).

CE Intro to Business CE CTE **Grades: 9-10** ***Course Length: 1 Semester***
Prerequisite: Accuplacer score of SS70 ***Credit: 1/2 Unit***
Introduces the application of fundamental business principles to local, national, and international forums. This course examines the relationship of economic systems, governance, regulations, and law upon business operations. It surveys the concepts of career development, business ownership, finance and accounting, economics, marketing, management, operations, human resources, regulations, and business ethics. This course aligns with the Colorado Community College course Introduction to Business (BUS 115). Students will have the opportunity to earn high school credit while at the same time enroll in and earn community college credits with the opportunity to transfer credit to an institution of higher education. If the student is interested in earning community college credit, an additional free application is required. More information can be found at www.cherrycreekschools/cte on the Concurrent Enrollment tab. Students are encouraged to join FBLA (Future Business Leaders of America).

Introduction to Business Salesforce CTE **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: 1/2 Unit***
In this class, students will be learning about career opportunities through training on the SalesForce platform. SalesForce is a $50 Billion company that is looking to fill 9 million jobs over the next three years. They are offering training to Overland students to give them the rare opportunity of on-the-job training while in the comfort of a high school setting. FBLA/DECA is an integral part of this course. Students will have the opportunity for a paid internship working with a professional mentor in numerous fields relating to the SalesForce platform.

AP Business with Personal Finance** **Grades: 9-12** ***Course Length: 1 Year
Prerequisite: None ***Credit: 1 Unit***
Students explore entrepreneurship, marketing, finance, accounting, and management through real-world projects and case studies. They apply national personal finance standards to develop financial literacy and create a comprehensive business plan, culminating in a formal pitch presentation. This year-long course prepares students for future business studies or entry into the workforce and entrepreneurial careers while addressing business finance and personal finance.

Accounting 1: Fundamentals of Accounting CTE **Grades: 10-12** ***Course Length: 1 Year***
Prerequisite: None ***Credit: 1 Unit***
Introduces accounting fundamentals with emphasis on the procedures and practices used in business organizations. Major topics include the accounting cycle for service and merchandising companies, including end-of-period reporting. This course

is the first in a two-year program that will receive community college credit. Students are encouraged to join FBLA (Future Business Leaders of America).

Accounting 2: Principals of Accounting (CE) CE CTE **Grades: 11-12** ***Course Length: 1 Year***
Prerequisite: Accounting 1 & Instructors Approval ***Credit: 1 Unit***
This course introduces accounting principles for understanding the theory and logic that underlie procedures and practices for business organizations. Major topics include the accounting cycle for service and merchandising companies, internal control principles and practices, notes and interest, inventory systems and costing, and plant and intangible asset accounting. Students are encouraged to join FBLA (Future Business Leaders of America).

Marketing 1: Principles of Marketing CE CTE **Grades: 10-12** ***Course Length: 1 Year***
Prerequisite: None ***Credit: 1 Unit***
Fees - $40 Fee includes State/National Dues, Fee for Districts & DECA t-shirt. Presents the analysis of theoretical marketing processes and the strategies of product development, pricing, promotion and distribution, and their applications to businesses and the individual consumer. This course aligns with the Colorado Community College course Principles of Marketing (MAR 216). Students will have the opportunity to earn high school credit while at the same time enroll in and earn community college credits with the opportunity to transfer credit to an institution of higher education. If the student is interested in earning community college credit, an additional free application is required. More information can be found at www.cherrycreekschools/cte on the Concurrent Enrollment tab. Only students enrolled in a Business and/or Marketing classes can participate in DECA, a co-curriculum chapter. DECA (an Association of Marketing Students) allows members opportunities to develop leadership skills, participate in community service projects, and enjoy social activities. Students will also be eligible to travel and compete in marketing competitions, both locally and nationally. A chapter membership fee is involved.

Marketing 2: Entrep, Advertising CE CTE **Grades: 11-12** ***Course Length: 1 Year***
Prerequisite: Marketing 1 & Instructor's Approval ***Credit: 1 Unit***
Fees - $40 Fee includes State/National Dues, Fee for Districts & DECA t-shirt. Students in this course will demonstrate the culmination of learning within the business program. During this course, students will demonstrate their understanding of business and management in a variety of stimulated scenarios applying theories, concepts, and problem-solving. Students will complete a capstone project which will demonstrate their understanding of fundamental business concepts including Accounting, Business Law, Ethics, Entrepreneurship, Computer information Systems, Finance, Human Resources, Management, Marketing, Operations, Project Management, Risk Management, and Strategic Planning. The course covers the major aspects of small business management to enable the entrepreneur to successfully start a business.

CE Legal Environment of Business CE **Grades: 10-12** ***Course Length: 1 Semester***
Prerequisite: Intro. To Business ***Credit: 1/2 Unit***
Business Law addresses legal topics concerning business and the individual. Topics of discussion include contracts (e.g. renting an apartment, buying a car, obtaining a credit card, laws affecting minors, fraud), negligence (e.g. slipping/falling, car accidents), intentional torts (e.g. trespassing, defamation, assault, battery, invasion of privacy), civil procedure (e.g. trial process), crimes, constitutional law and the court systems, intellectual property law, employment law, credit, and ethics/social responsibility. The course also includes guest speakers and law-related movies and/or videos illustrating the legal topics discussed in the classroom. Students are encouraged to join FBLA (Future Business Leaders of America). This course is a Concurrent Enrollment course through the Community College of Aurora. Students enrolled in this course will complete college-level work while attending high school. Students who have met the prerequisite and earn a "C" or better in the class will receive 3 college credits. This class emphasizes public law, regulation of business, ethical considerations, and various relationships existing within society, government, and business. Specific attention is given to economic regulation, social regulation, labor-management issues, environmental issues, and contract fundamentals. This course analyzes the role of law in social, political, and economic change business environments.

Overland ELS Pathways

English	Social Studies	Science	Math
English 9 co-taught	**Global Studies** co-taught	**Biology** co-taught	**Algebra 1** co-taught
English 10 co-taught	**US History** co-taught	**Chemistry** co-taught	**Geometry** co-taught
English 11 co-taught	**US Government** co-taught		**Algebra 2** co-taught
English 12 co-taught	**Economics** co-taught		**Consumer Math** co-taught
	World Religions co-taught		**Prob Stat** co-taught
	Chemistry co-taught		

★ **Newcomer English Language Support**
9–12
year-long

NOTES ★ = must be recommended by ELS team
light blue = Newcomer classes

Questions?
Jessica Palko
Overland ELS Department Coodinator
jpalko@cherrycreekschools.org
720-747-3612

ENGLISH LANGUAGE SUPPORT (ELS)

**Courses with weighted grades*

English Language Support (ELS) is a program designed to provide additional academic and linguistic support for students who are developing proficiency in English. ELS at the Overland-Prairie Campus strives to ensure students achieve standards of English proficiency and are college-prepared and workforce-ready. A series of ELS courses are offered that enable students to advance and meet their individual potential.

ELS specialists (teachers) co-teach with content teachers in math, science, social studies, and other subjects to provide students with access to grade-level content along with English language development. ELS specialists are proficient in the English language and specifically trained to teach students who are learning English. While each student's level of support will be based on their individual needs, the ELS program provides explicit language instruction and support alongside grade-level content. Multilingual learners acquire English through participation in age-appropriate instruction that is aligned with State standards. The primary goal of teaching language through content is to make grade-level standards and curriculum accessible to Multilingual learners at all levels of English proficiency and to provide explicit language development based upon the language demands of the content. **Classes are based upon enrollment and may be subject to change.

Newcomer English Language Support **Grades: 9-12** ***Course Length: 1 Year***
Prerequisite: Instructor Approval ***Credit: 1 Unit***
This class is intended for multilingual learners (MLs) who are new (within a year) to the United States and who are at the Entering (level 1) or Emerging (level 2) stages of English language proficiency based on the W-APT and a supporting body-of-evidence. This class provides explicit English language instruction that will support MLs in communicating information, ideas, and concepts for academic success in the content areas of social & instructional language, the language of language arts, the language of mathematics, the language of science, and the language of social studies.

ELS Co-Taught Biology **Grades: 9-10** ***Course Length: 1 Year***
Prerequisite: Instructor Approval ***Credit: 1 Unit***
Students learn about organisms from a behavioral, ecological, genetic and evolutionary context. Students will explore how living systems interact with other organisms and their environment, analyze relationships between structure and function in living systems, analyze how organisms grow, develop and differentiate during their lifetimes, and use genetics to explain the biodiversity and the relatedness of all organisms. Units of study include: ecology, chemistry of life, cellular structure and function, genetics, and evolution. Laboratory activities reinforce concepts and principles presented. An ELS specialist will be in this class to provide linguistic support for all students who are developing their proficiency in the English language.

ELS Co-Taught Chemistry **Grades: 10-11** ***Course Length: 1 Year***
Prerequisite: Instructor Approval ***Credit: 1 Unit***
This course provides the opportunity to develop knowledge and understanding about the relationships between the structure and properties of matter, and the interaction of mass and energy. Units of study include matter and its changes, atomic structure, chemical composition, nomenclature, reactions, stoichiometry, gas laws, periodicity, bonding, molar geometry, and thermochemistry. Laboratory activities reinforce concepts and principles presented in this course. This class teaches students fundamental chemical concepts and an understanding of the connection to the world around them. This curriculum incorporates technical reading and writing skills in alignment with the Colorado State Standards. An ELS specialist will be in this class to provide linguistic support for all students who are developing their proficiency in the English language.

ELS Co-Taught Global Studies **Grades: 9** ***Course Length: 1 Year***
Prerequisite: Instructor Approval ***Credit: 1 Unit***
Students will examine major themes of world history from the years 1200 through the present day. The examination of long-term cause and effect will be conducted through critical thinking, reading, writing, and speaking skills. This will be

combined with human geography concepts of culture, population, natural resources, development, human rights, and globalization with a focus on exploring reasons why the world is unevenly developed. An ELS specialist will be in this class to provide linguistic support for all students who are developing their proficiency in the English language.

ELS Co-Taught U.S. History **Grades: 11-12** ***Course Length: 1 Year***
Prerequisite: Instructor Approval ***Credit: 1 Unit***
This course is designed to explore America's historical development from the Reconstruction Era to the present day. Students will acquire a sense of chronology, identify causes and effects, recognize the events, individuals, and philosophies that helped shape our contemporary society, and use historical inquiry to evaluate prominent episodes in U.S. history. Some major topics include social and ethnic development, Industrialization, the World Wars, the Depression, the Cold War Era, the Vietnam Era, the 1960's and 70's and the developments of the 1980's and early 1990's. This course meets U.S. History requirement. An ELS specialist will be in this class to provide linguistic support for all students who are developing their proficiency in the English language.

ELS Co-Taught U.S. Government **Grades: 10-11** ***Course Length: 1 Semester***
Prerequisite: Instructor Approval ***Credit: ½ Unit***
A state-required, semester-long course designed to introduce students to the Constitutional principles of the United States republican form of government and how to apply this constitutional knowledge to form an understanding of government. Students will also examine current U.S policies, citizen rights and the means to participate within government, as well as the relationships on the local, state, national and international level. This course is designed to address state standards in Government and Civics. An ELS specialist will be in this class to provide linguistic support for all students who are developing their proficiency in the English language.

ELS Co-Taught U.S. Economics **Grades: 12** ***Course Length: 1 Semester***
Prerequisite: Instructor Approval ***Credit: ½ Unit***
Current economic issues will serve as a foundation for the application of economic theory in this semester course. Analysis of the American economic system as it relates to the individual and other economic systems will be a focus. Specific units will cover microeconomic concepts such as the law of supply and demand, factors of production, and the business cycle. Macroeconomic topics will include money and banking, monetary and fiscal policy, international trade, the impact of globalization and Personal Financial Literacy. An ELS specialist will be in this class to provide linguistic support for all students who are developing their proficiency in the English language.

ELS Co-Taught World Religion **Grades: 12** ***Course Length: 1 Semester***
Prerequisite: Instructor Approval ***Credit: ½ Unit***
Offers students the opportunity to understand what religion is and the common threads and components throughout all major religions in the world. This class explores major concepts within Hinduism, Buddhism, Judaism, Islam, and Christianity as well as other religions and philosophies. This class examines the historical origins of each religion, its beliefs and practices, and the impact each religion has on its members. Students will engage in critical thinking, examine information from multiple points of view, analyze current issues, and develop an understanding of historical context. College readiness skills will also be sharpened through essay writing, complex reading, discussion, and research projects. Students will leave class with a greater apperception of people of the world and their various beliefs and cultures. This class is co-taught combining the strengths of a Social Studies teacher and English Language Specialist to support all students. An ELS specialist will be in this class to provide linguistic support for all students who are developing their proficiency in the English language.

ELS Co-Taught Ethnic Studies **Grades: 12** ***Course Length: 1 Semester***
Prerequisite: Instructor Approval ***Credit: ½ Unit***
This course focuses on the history of ethnic and racial minority groups in the United States of America. Students will have the opportunity to learn about racism, oppression, xenophobia, and ongoing efforts to fight for greater social, economic, and political equity. The writings, rhetoric, and actions of historically oppressed people will be examined and paired with modern perspectives of those who continue to push for greater inclusion, access, and opportunity. This highly interactive course will help students hone skills that are crucial for college and careers. An ELS specialist will be in this class to provide linguistic support for all students who are developing their proficiency in the English language.

ELS Co-Taught Algebra 1 **Grades: 9-10** ***Course Length: 1 Year***
Prerequisite: Instructor Approval ***Credit: 1 Unit***
Algebra 1 provides a comprehensive teaching of the fundamental aspects of problem solving. A sound foundation in arithmetic and prealgebra skills is essential for success in this course. Major topics of study include: evaluation of algebraic equations, solving and graphing linear equations, solving and graphing two variable inequalities, solving systems of equations, word problems, exponent rules and manipulation, polynomials, solving and graphing quadratic equations, and factoring. Technology will be used to introduce and expand upon the areas of study listed above. An ELS specialist will be in this class to provide linguistic support for all students who are developing their proficiency in the English language.

ELS Co-Taught Algebra 2 **Grades: 9-12** ***Course Length: 1 Year***
Prerequisite: Geometry ***Credit: 1 Unit***
This course is usually taken after students complete Algebra 1 and Geometry. The course covers topics such as quadratic functions, polynomial functions, systems of equations, rational functions, exponential and radical functions, logarithmic functions, and trigonometric functions. This course serves as a foundation for and is a prerequisite to CE Math for the Liberal Arts, CE Year-Long College Algebra, CE College Algebra, CE College Trig, Precalculus, and AP Statistics. Students will have the opportunity to take the Capstone exams that will provide the opportunity to demonstrate competency and fulfill this state graduation competency for mathematics. Graphing calculator required. An ELS specialist will be in this class to provide linguistic support for all students who are developing their proficiency in the English language.

ELS Co-Taught Geometry **Grades: 10-11** ***Course Length: 1 Year***
Prerequisite: Instructor Approval ***Credit: 1 Unit***
This course is the second year of the sequence of Algebra 1, Geometry, and Algebra 2 typically taken during sophomore year. Topics include reasoning and proof, parallel and perpendicular lines, triangle properties, congruence and similarity, right triangle trigonometry, circles, quadrilaterals, volume, and surface area. This course requires students to grasp new and previous vocabulary words and apply many theorems and postulates to solve real-world problems. Students will communicate reasoning through proof writing. Students will continue to build on their algebra 1 skills that have been integrated into the geometry curriculum. An ELS specialist will be in this class to provide linguistic support for all students who are developing their proficiency in the English language.

ELS Co-Taught Consumer Math **Grades: 10-11** ***Course Length: 1 Year***
Prerequisite: Algebra 2 ***Credit: 1 Unit***
This course will introduce students to the financial and graphical analysis side of mathematics. This course is designed to take math and make it applicable and accessible. The math knowledge needed is basic mathematics. This class will cover a review of decimals and percents, ratios and proportions. The topics covered are personal finance math, money management, Interest & Credit, financial decision-making, and different voting methods. The course provides an access point for math with students that have not found much success in traditional math courses and who have a need to be career and consumer ready. An ELS specialist will be in this class to provide linguistic support for all students who are developing their proficiency in the English language.

ELS Co-Taught Probability & Statistics **Grades: 11-12** ***Course Length: 1 Year***
Prerequisite: Algebra 1 & Geometry ***Credit: 1 Unit***
Probability is the basis for mathematical models of situations in the sciences; statistics is the art of gathering, analyzing, and making inferences from data. Topics in this class include introduction to statistical thinking, interpretation of statistical data, data displays, data measures, computation of probabilities given events, frequency distributions, Venn Diagrams, Tree Diagrams, application of random sampling to probability. This class will provide students with the ability to show their knowledge in a variety of projects and different ways throughout the entire year. An ELS specialist will be in this class to provide linguistic support for all students who are developing their proficiency in the English language.

ELS Co-Taught English 9 **Grades: 9** ***Course Length: 1 Year***
Prerequisite: Instructor Approval ***Credit: 1 Unit***
Students will prepare oral presentations and develop strategies for listening critically to the presentations of others. Reading: Students will read and interpret increasingly complex literary and informational texts. Writing: Students will write narrative, informational, and persuasive texts and work to establish a controlling idea and provide relevant support. Students will work to revise grammar, usage and mechanics to achieve greater clarity. Research: Students will analyze

informational materials, including electronic sources, for their relevance and accuracy An ELS specialist will be in this class to provide linguistic support for all students who are developing their proficiency in the English language.

ELS Co-Taught English 10 **Grades: 10** ***Course Length: 1 Year***
Prerequisite: Instructor Approval ***Credit: 1 Unit***
Oral Expression: Students will gather and organize content that will successfully influence an audience. Students will listen actively to group members when accomplishing a group goal. Reading: Students will read literary, informational, and persuasive manuscripts in order to develop ideas and to understand traditional and contemporary texts. Writing: Students will use different organizational patterns to inform or to persuade, and their writing will feature a variety of stylistic devices while relying on a strong foundation of proper grammar and mechanic skills. Research: Students will evaluate the validity of multiple sources while collecting information in order to answer a question, propose solutions, or share findings. An ELS specialist will be in this class to provide linguistic support for all students who are developing their proficiency in the English language.

ELS Co-Taught English 11 **Grades: 11** ***Course Length: 1 Year***
Prerequisite: Instructor Approval ***Credit: 1 Unit***
Oral Expression: Students will analyze messages for their accuracy and relevance. Reading: Students will critically read complex literary texts to interpret and evaluate their meaning. They will synthesize ideas from informational texts for a specific purpose. Writing: Students will work to stylistically and thematically refine narrative texts. They will revise informational and persuasive texts to inform or influence an audience while making ongoing revisions in grammar, usage, and mechanics to achieve greater clarity. Research: Students will study critical thinking and evaluate quality reasoning. An ELS specialist will be in this class to provide linguistic support for all students who are developing their proficiency in the English language.

ELS Co-Taught English 12 **Grades: 12** ***Course Length: 1 Year***
Prerequisite: Instructor Approval ***Credit: 1 Unit***
Oral Expression: Students will analyze messages for their accuracy and relevance. Reading: Students will critically read complex literary texts to interpret and evaluate their meaning. They will synthesize ideas from informational texts for a specific purpose. Writing: Students will work to stylistically and thematically refine narrative texts. They will revise informational and persuasive texts to inform or influence an audience while making ongoing revisions in grammar, usage, and mechanics to achieve greater clarity. Research: Students will study critical thinking and evaluate quality reasoning. An ELS specialist will be in this class to provide linguistic support for all students who are developing their proficiency in the English language.

Overland Family and Consumer Science Pathways

	Year 1	Year 2	Year 3	Year 4
CULINARY PATHWAY	**Culinary Essentials** 9-12 semester	**DE Pro Start 1** 10-12 year-long	**DE Pro Start 2** 10-12 year-long	**Culinary WBL** 10-12 year-long
		alternates every year		
	Baking and Pastry 1 9-12 semester	**Baking and Pastry 2** 10-12 semester		
RELATIONSHIPS AND CHILD DEVELOPMENT PATHWAY	**Interpersonal Relationships** 9-12 semester			
	Child & Adolescent Development 9-12 semester			
FASHION PATHWAY	**Fashion Design & Merchandising 1** 9-12 semester	**Fashion Design & Merchandising 2A** 9-12 semester	**Fashion Design & Merchandising 2B** 9-12 semester	**AP Fashion (Studio Art 3D)** 11-12 year-long **(W)**
INTERIOR DESIGN PATHWAY	**Interior Design 1: Residential** 9-12 semester	**Interior Design 2: Commercial** 9-12 semester		

NOTES
W = weighted grade
DE = dual enrollment for university credit

Questions?
Erica McHenry-Hutto
Overland CTE Department Coodinator
emchenryhutto@cherrycreekschools.org
720-747-3866

FAMILY & CONSUMER SCIENCES (FACS)

**Courses with weighted grades*

Courses in the Family & Consumers Sciences Department explore a wide range of topics for students of all ability levels and interests, preparing them for

Culinary Essentials I CTE **Grades: 9-12** ***Course Length:1 Semester***
Prerequisite: None ***Credit: 1/2 Unit***
Fee - $30. This course is designed to introduce students to a variety of culinary skills and food preparation. Through instruction and culinary lab practice, this class will provide an opportunity for students to learn food preparation and demonstrate food safety. Some topics include introductory culinary skills and preparation of items such as quick breads, yeast breads, and eggs; as well as meal and menu planning, nutrition, and food borne illnesses. Students will be able to: Demonstrate the correct procedures and techniques in introductory culinary labs. Analyze nutritional guidelines and plan menus that are nutritionally balanced. Demonstrate food safety standards. Students are encouraged to participate in FCCLA projects, which include leadership opportunities, community service and/or competitions throughout the entire year.

Baking & Pastry 1 CTE **Grades: 9-12** ***Course Length:1 Semester***
Prerequisite: None ***Credit: 1/2 Unit***
Fee - $30. This first semester course is intended for students who have an interest in pursuing a career in the hospitality and culinary industry. Combining advanced food science, restaurant management, food preparation techniques, and real-world internship opportunities, students, through baking and pastry arts, students learn to develop their culinary skills and food knowledge to become employable and sought after employees by local food service businesses.

Baking & Pastry 2 CTE **Grades: 10-12** ***Course Length:1 Semester***
Prerequisite: Successful completion of Baking and Pastry 1 ***Credit: 1/2 Unit***
Fee - $30. This second semester course is intended for students who have an interest in pursuing a career in the hospitality and culinary industry. Combining advanced food science, restaurant management, food preparation techniques, and real-world internship opportunities, students, through baking and pastry arts, students learn to develop their culinary skills and food knowledge to become employable and sought after employees by local foodservice businesses.

Interpersonal Relationships CTE **Grades: 9-12** ***Course Length:1 Semester***
Prerequisite: None ***Credit: 1/2 Unit***
The purpose of the course is to acquire academic knowledge and understanding for healthy, respectful, and caring relationships across the life span. Emphasis is placed on family and friendly dynamics, effective communication, and healthy interpersonal relationships. Students are encouraged to participate in FCCLA projects, which include leadership opportunities, community service and/or competitions throughout the entire year.

Child and Adolescent Development CTE **Grades: 9-12** ***Course Length:1 Semester***
Prerequisite: None ***Credit: 1/2 Unit***
The purpose of this course is to acquire knowledge and understanding of child and adolescent development necessary for strengthening the well-being of children and families. Content focuses on perspectives of human development, research and theories, understanding and nurturing development, and challenges to development. Students are encouraged to participate in FCCLA projects, which include leadership opportunities, community service and/or competitions throughout the entire year.

Fashion Design and Merchandising 1 CTE **Grades: 9-12** ***Course Length:1 Semester***
Prerequisite: None ***Credit: 1/2 Unit***
Fee - $25. The purpose of this course is to expose students to various aspects of the fashion design and merchandising industry. Students integrate knowledge, skills, and practices to evaluate potential career opportunities. Emphasis is placed on an introduction to fashion, fashion and textile selection, product construction and fashion merchandising. Students are encouraged to participate in FCCLA projects, which include leadership opportunities, community service and/or competitions throughout the entire year.

Fashion Design and Merchandising 2A CTE **Grades: 9-12** ***Course Length:1 Semester***
Prerequisite: Successful completion of Fashion Design & Merchandising 1 ***Credit: 1/2 Unit***
Fee - $25. This course is for students who wish to increase their knowledge and further their skills in the fashion design and merchandising industry. Topics include fashion designers, careers, clothing selection, fibers and fabrics, and fashion illustration. Projects are planned and completed in relation to the student's individual interest and skill level. Students are encouraged to participate in FCCLA projects, which include leadership opportunities, community service and/or competitions throughout the entire year.

Fashion Design and Merchandising 2B CTE **Grades: 10-12** ***Course Length:1 Semester***
Prerequisite: Successful completion of Fashion Design & Merchandising 1 & 2 ***Credit: 1/2 Unit***
Fee - $25. This course is designed to prepare students for further education and careers in the fashion industry while applying skills learned in level 1&2. Through exposure to crucial business activities such as project management and product promotion, students will acquire advanced skills related to business professionalism, ethics, policies, and communication in the fashion industry. In addition, students will complete projects during which they will create artifacts to include in a professional portfolio. This course is designed for students who need more sewing construction practice and are not ready to move on to AP fashion.

AP Fashion** CTE **Grades: 11-12** ***Course Length:1 Year
Prerequisite: Successful completion of Fashion Design & Merchandising 1 and 2 ***Credit: 1 Unit***
Fee - $25. The AP Art and Design program consists of three different courses and AP Portfolio Exams—AP 2-D Art and Design, AP 3-D Art and Design, and AP Drawing—corresponding to college and university foundations courses. Students may choose to submit any or all of the AP Portfolio Exams. Students create a portfolio of work to demonstrate inquiry through art and design and development of materials, processes, and ideas over the course of a year. Portfolios include works of art and design, process documentation, and written information about the work presented. In May, students submit portfolios for evaluation based on specific criteria, which include skillful synthesis of materials, processes, and ideas and sustained investigation through practice, experimentation, and revision, guided by questions. Students may choose to submit any or all of the AP Portfolio Exams

Interior Design 1: Residential CTE **Grades: 9-12** ***Course Length:1 Semester***
Prerequisite: None ***Credit: 1/2 Unit***
Fee - $25. The purpose of this course is to expose students to various aspects of the interior design industry and is based on the industry's professional standards (Council of Interior Design Accreditation-CIDA). The first semester focuses on residential design. Students integrate knowledge, skills and practices to evaluate potential career opportunities. Areas of focus include: Introduction to Residential and Commercial Design; Design Drawings; Professional Practices/Education; Design Elements and Principles; and the Design Process. Students are encouraged to participate in FCCLA projects, which include leadership opportunities, community service and/or competitions throughout the entire year.

Interior Design 2: Commercial CTE **Grades: 9-12** ***Course Length:1 Semester***
Prerequisite: Successful completion of Interior Design 1: Residential ***Credit: 1/2 Unit***
Fee - $25. The purpose of this course is to expose students to various aspects of the interior design industry and is based on the industry's professional standards (Council of Interior Design Accreditation-CIDA). The first semester focuses on residential design. Students integrate knowledge, skills and practices to evaluate potential career opportunities. Areas of focus include: Introduction to Residential and Commercial Design; Design Drawings; Professional Practices/Education; Design Elements and Principles; and the Design Process. Students are encouraged to participate in FCCLA projects, which include leadership opportunities, community service and/or competitions throughout the entire year.

DE Pro Start I CE CTE **Grades: 10-12** ***Course Length:1 Year***
Prerequisite: Culinary Essentials 1 OR Baking & Pastry 1 ***Credit: 1 Unit***
Fee - $80. This pre-apprenticeship course from the National Restaurant Association Educational Foundation and Colorado Restaurant Foundation introduces students to a competency-based foodservice & hospitality management curriculum offered to students in grades 10-12. It is a study of culinary arts, restaurant and lodging management, employability skills, and business entrepreneurship coupled with paid mentored work internships in a broad spectrum of industry restaurant, foodservice, and lodging operations. Students who wish to obtain the national ProStart certification must complete a 400 -

hour guided internship and pass the exams for both ProStart I & II. Successful participants in the program will have the opportunity to receive college credits, earn industry certifications and credentials, compete in the ProStart Invitational Competitions, and apply for industry scholarships. Lab fee of $80 for the year is required. Optional fees include concurrent enrollment credit (3 credits), chef coat, and competition. **ProStart I and II are offered on alternate years and do not have to be taken in order.
Dual Enrollment: *Basic Cooking Skills (RST 1200, 3 credits), Basic Baking Skills (RST 2500, 3 credits)*
Certifications: *ServSafe Food Handler, ServSafe Allergen, Colorado Restaurant Association Workforce Readiness Certificate and ProStart National Certification of Achievement. (additional certifications available upon request)*

DE Pro Start II CE CTE **Grades: 10-12** ***Course Length:1 Year***
Prerequisite: Culinary Essentials 1 OR Baking & Pastry 1 ***Credit: 1 Unit***
Fee - $80. This pre-apprenticeship course from the National Restaurant Association Educational Foundation and Colorado Restaurant Foundation introduces students to a competency-based foodservice & hospitality management curriculum offered to students in grades 10-12. It is a study of culinary arts, restaurant and lodging management, employability skills, and business entrepreneurship coupled with paid mentored work internships in a broad spectrum of industry restaurant, foodservice, and lodging operations. Students who wish to obtain the national ProStart certification must complete a 400 - hour guided internship and pass the exams for both ProStart I & II. Successful participants in the program will have the opportunity to receive college credits, earn industry certifications and credentials, compete in the ProStart Invitational Competitions, and apply for industry scholarships. Lab fee of $80 for the year is required. Optional fees include concurrent enrollment credit (3 credits), chef coat, and competition. **ProStart I and II are offered on alternate years and do not have to be taken in order.
Dual Enrollment: *Basic Cooking Skills (RST 1200, 3 credits), Basic Baking Skills (RST 2500, 3 credits)*
Certifications: *ServSafe Food Handler, ServSafe Allergen, Colorado Restaurant Association Workforce Readiness Certificate and ProStart National Certification of Achievement. (additional certifications available upon request)*

Culinary Work Based Learning CTE **Grades: 11-12** ***Course Length:1 Year***
Prerequisite: **ProStart 1 or ProStart 2 or Baking & Pastry 1 or 2** ***Credit: 1 Unit***
Uniform Fee - $25 Students gain real-world experience by operating the Pathways at Overland Coffee Shop, applying culinary, hospitality, and customer service skills in a professional setting. Through hands-on practice, students refine food preparation techniques, time management, teamwork, and business operations while engaging directly with customers. This course emphasizes employability skills, professionalism, and leadership in a work-based learning environment that connects classroom instruction to industry expectations in culinary arts and hospitality.

Overland Performing Arts Pathways

	Year 1	Year 2	Year 3	Year 4
THEATRE PATHWAY	**Theatre 1** 9-12 semester	**Theatre 2** 10-12 semester	**Theatre 3** 11-12 semester	
	Musical Theatre 9-12 semester		**★ Advanced Acting** 11-12 year-long	
	Technical Theatre 9-12 semester			
MUSIC NON-PERFORMING PATHWAY	**Music Theory** 9-12 semester	**AP Music Theory** 10-12 year-long **(W)**		
	Piano 9-12 semester			
BAND PATHWAY	**Concert Band** 9-12 year-long	**★ Symphonic Band** 9-12 second semester	**★ Wind Ensemble** 9-12 second semester	**★ Jazz Band** 9-12 year-long (enroll in 2nd ensemble)
	Marching Band 9-12 first semester			
ORCHESTRA PATHWAY	**String Orchestra** 9-12 year-long	**★ Concert Orchestra** 9-12 year-long	**★ Symphony Orchestra** 10-12 year-long	
CHOIR PATHWAY	**Overland Singers** 9-12 year-long	**★ Concert Choir** 10-12 year-long	**★ Cecilian Singers** 10-12 year-long	
	Plainsmen 9-12 year-long		**★ Jewell Ave Jazz Choir** 10-12 year-long (enroll in 2nd ensemble)	
	★ Trebelaires 9-12 year-long		**★ Nine Mile Jazz Choir** 11-12 year-long (enroll in 2nd ensemble)	

NOTES

All courses are the entire year, unless indicated with (sem) for only a semester.
W = weighted grade
★ = audition required

Questions?

Phil Drozda
Overland Fine Arts Dept. Coodinator
pdrozda@cherrycreekschools.org
720-747-3166

PERFORMING ARTS

**Courses with weighted grades*

The Performing Arts Department offers a selection of courses designed to advance the interests and abilities of all students. Arts education is essential to each person's development. It is a principle means for helping students discover beauty and joy in life.

It is the Overland-Prairie Campus belief that, "The Arts Make a Difference!" To ensure this, our focus is cultivating personal expression and for fostering creative potential. As a result of participation in the Arts, students discover our shared cultural heritage and prepare for meaningful lifelong activities while contributing to our school and community. The Arts not only provide for the artistic development of students, but also provide exciting and creative learning potentials, collaborative and critical thinking skills, and opportunities for students to prepare for college and a global workforce. Research shows that a long-term participation in the Arts improves all test scores (especially Math & Reading) and also helps foster self-confidence. Considering the many benefits of an Arts education, participation in one or more areas of Overland's diverse and dynamic Arts Program should be an integral part of the course of study for all students wanting a well-rounded educational experience. Most colleges and universities offer generous scholarships for students who have shown a high level of achievement in any of the Arts. The Arts at the Overland-Prairie Campus will make a difference in your life!

Concert Band **Grades: 9-12** ***Course Length: 1 Year***
Prerequisite: None ***Credit: 1 Unit***
Concert Band is open to all beginning and intermediate students who play woodwind, brass or percussion instruments. No Audition is required. Students who do not wish to participate in marching band and want to play traditional concert band repertoire should join this class. Attendance at all performing events is required. **Instrument Rental fee of $60. Music material fee of $20.**

Wind Ensemble (2nd Semester) **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: Spring audition and Marching Band or Concert Band 1st Semester ***Credit: ½ Unit***
This ensemble is open to students who audition in May of the previous year. Students in Wind Ensemble play advanced literature and must have a concrete background in basic rhythm and note reading to be successful as there is one person on a part. Attendance at all performances is a requirement**. Instrumental rental fee of $60.**

Jazz Band **Grades: 9-12** ***Course Length: 1 Year***
Prerequisite: Spring audition and participation in a second ensemble ***Credit: 1 Unit***
This advanced jazz group further develops a student's interest in performance of jazz and is open to students who audition in May of the previous year. The objective of this course is to develop skills in jazz creativity, improvisation, and exposure to a broad variety of jazz literature. Attendance at all performances is a required part of this class.
Instrument rental fee of $60.

Marching Band (1st Semester) **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: Summer Band Camp and Wind Ensemble, Concert Band, or Symphonic Band 2nd Semester ***Credit: ½ Unit***
The marching band performs at all home football games, prep rallies, and homecoming events. Attendance at band camp (usually scheduled in the middle of July) is mandatory for participation in the class. Attendance at all performing events is required. After the marching session has concluded, the band will perform traditional concert band literature. If a student participates in 2 years of Marching Band, they will be eligible to waive .5 credits of their PE requirement. **Instrument rental fee of $60, Marching Band fee of $80. (Fundraising opportunities are available.)**

Symphonic Band **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: Spring Audition ***Credit: ½ Unit***
This ensemble is open to students who audition in May of the previous year. Students in Symphony Band play high school literature with several musicians on a part. Students will focus on note and rhythmic reading. Attendance at all performances is a requirement. **Instrumental rental fee $60. Music material fee of $20.**

Concert Orchestra **Grades: 9-12** ***Course Length: 1 Year***
Prerequisite: Teacher recommendation or 2 years of pervious orchestra experience ***Credit: 1 Unit***
Concert Orchestra is designed to acquaint continuing string students with the many phases and aspects or orchestral literature and performance. This includes exploring wide range of repertoire and string playing techniques. This course may require rehearsal time outside of class. Attendance at all performances is a required part of this class. **$20.00 Music Materials Fee, $60.00 School Instrument Rental Fee (fundraising opportunities available)**

Symphonic Orchestra **Grades: 10-12** ***Course Length: 1 Year***
Prerequisite: Spring audition and/ or teacher recommendation ***Credit: 1 Unit***
The Overland Symphony is open to experienced string students by audition only. Students are expected to practice their instruments regularly and are encouraged to study privately with a qualified instructor. This course will explore a variety of advanced orchestral literature representing various musical periods and styles. Students have an opportunity to refine their technique preparing them for college auditions and scholarship awards. This course may require rehearsal time outside of class. The Overland Symphony will have performances throughout the year; attendance at all performing events is mandatory. **Students new to the Overland Symphony will also be expected to purchase concert attire. Music Materials Fee of $20, School Instrument Rental Fee $60 (fundraising opportunities available)**

Piano **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
This course is a lab-based class for students of all ability levels who are interested in improving their piano skills. Students will develop skills in harmonization, sight-reading, repertoire, style and technique. This course may be taken multiple times for credit; level 2 and above students are given priority. **Music materials fee of $10.**

String Orchestra **Grades: 9-12** ***Course Length: 1 Year***
Prerequisite: None ***Credit: 1 Unit***
String Orchestra is a class for any students looking to refine their introductory string play technique. Any student who has played violin, viola, cello, or string bass for at least one year may enroll in this course. Beginners may register for the class with teacher approval. Students are expected to provide their own instruments for this course, which may require renting an instrument from a music store (monthly rental prices vary depending on the type of instrument). Attendance at all performances is a required part of this class. **$20.00 Music Materials Fee, $60.00 School Instrument Rental Fee (fundraising opportunities available)**

Trebelaires (Alto/Soprano Only) **Grades: 9** ***Course Length: 1 Year***
Prerequisite: Spring audition ***Credit: 1 Unit***
Trebelaires is an auditioned treble four choir for soprano and alto singers with previous choir experience. Emphasis is on intermediate vocal technique and musical skill development using a broad range of literature. This choir performs four evening concerts throughout the year and attendance at all performances is a required part of this class. **Music materials fee of $35.**

Overland Singers (Alto/Soprano Only) **Grades: 9-12** ***Course Length: 1 Year***
Prerequisite: None ***Credit: 1 Unit***
Overland Singers is an entry-level treble choir. Emphasis is on developing healthy singing skills, music literacy skills, and performing a broad range of choral literature. This choir performs four evening concerts throughout the year and attendance at all performances is a required part of this class. **Music materials fee of $10.**

Plainsmen (Tenor/Bass Only) **Grades: 9-12** ***Course Length: 1 Year***
Prerequisite: None ***Credit: 1 Unit***
Plainsmen is an entry-level tenor-bass choir. Emphasis is on developing healthy singing skills, music literacy skills, and performing a broad range of choral literature. This choir performs four evening concerts throughout the year and attendance at all performances is a required part of this class. **Music materials fee of $10.**

Cecilian Singers **Grades: 10-12 (Tenors/Basses) & 11-12 (Sopranos/Altos**) ***Course Length: 1 Year***
Prerequisite: Spring Audition ***Credit: 1 Unit***
Cecilian Singers is an advanced, auditioned mixed choir of approximately 30-40 voices. Primarily made up of juniors and seniors, some sophomore tenors and basses may be placed in the ensemble depending on skill and the needs of the group. Well known throughout the state for its excellence in performance, this group performs 8-12 times throughout the school year. Attendance at all performances and regular attendance outside of class are required parts of this course. **Uniform purchase fee of $80-100, retreat fee of $80 (fundraising opportunities are offered).**

Jewell Avenue Jazz Choir (Alto/Soprano Only) **Grades: 10-12** ***Course Length: 1 Year***
Prerequisite: Spring Audition and participation in a second ensemble ***Credit: 1 Unit***
This class is an intermediate/advanced choir that explores singing in the jazz style. This ensemble includes sophomore through senior upper voices and explores improvisational singing, reading chord changes, choral jazz blend, singing with stylistic considerations. This choir is a performing choir and performances are mandatory. Students new to Jewell Avenue Jazz will be expected to purchase concert attire.

Nine-Mile Jazz Choir **Grades: 10-12 (Tenors/Basses) & 11-12 (Sopranos/Altos**) ***Course Length: 1 Year***
Prerequisite: Spring Audition and participation in a second ensemble ***Credit: 1 Unit***
This class is an advanced choir that will explore singing in the jazz style. Though this ensemble is primarily junior and seniors, one or two sophomore boys are part of jazz each year. We will begin to explore improvisational singing, reading chord changes, choral jazz blend, singing with stylistic consideration, and learning about the history of jazz. This choir is a performing choir, and performances are required. This choir sings often in public performances. Students new to Nine-Mile Jazz will be expected to purchase concert attire.

Concert Choir **Grades: 10-12** ***Course Length: 1 Year***
Prerequisite: Spring Audition ***Credit: 1 Unit***
Concert Choir is an intermediate to advanced mixed choir The purpose of this choir is to expose singers to quality literature and to develop advanced vocal technique and music literacy skills. This choir performs 5-8 times throughout the year, including evening concerts. Attendance at all performances and some individual practice outside of class are required parts of this course. **Music materials fee of $35.**

Theatre 1 **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
This course introduces students to the fundamentals of stage performances. Through a variety of performance experiences and exercises, students learn to manipulate their voices and bodies in order to express themselves creatively. Students increase their confidence and comfort in front of an audience while learning to develop creative solutions to performance challenges. This course will explore the role that theatrical performance has played throughout human history and examines the "human experience." Students are required to attend one live theatrical performance outside of class and memorize multiple scenes and monologues.

Technical Theatre **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
Through creative, hands on projects and practical applications, students will learn and interact with the core areas of technical theatre. Lighting, sound, construction, costuming, painting and makeup will be explored in this course.

Theatre 2 **Grades: 10-12** ***Course Length: 1 Semester***
Prerequisite: Theatre 1 or Musical Theatre ***Credit: ½ Unit***
This course continues the basic techniques of theatrical play students learned in Theatre 1 and begins to teach the techniques required for more sophisticated characterization. This course will place major emphasis on creating dynamic and engaging performances by practicing the techniques of Robert Cohen, a master in the art of acting. Students will

explore the art of acting through scene work, monologue work, play study, character analysis, theatre exercises, rehearsal technique, and solo and group performance art.

Theatre 3 **Grades: 11-12** ***Course Length: 1 Semester***
Prerequisite: Theatre 1/Musical Theatre & Theatre 2 ***Credit: ½ Unit***
This course continues the learning and growth of students in the field of acting by focusing on the production of play. Students will audition and be cast in a play to be rehearsed over the course of the year. The course culminates in a final performance for the community in the Overland Theater. Students will gather props, costumes and set prices for their performance. This class will continue the emphasis on creating dynamic and engaging theatrical performances throughout the work of the actor and director. Students are required to attend some rehearsals outside of the normal hours of class. This course will prepare students for college throughout the learning of essential collaborative and individual theatrical skills that apply to all subject areas.

Advanced Acting **Grades: 11-12** ***Course Length: 1 Year***
Prerequisite: Theatre 1 & 2 and Spring Audition ***Credit: 1 Unit***
This course is designed to continue the process of acting techniques that we learned about in Acting 1 and begin to apply those techniques to the production process of one-act, sketch-comic, and improvisational live performances. The secondary purpose of advanced acting is to prepare you for professional auditions in the community or auditions for acting schools as you move on from high school. **Attire fee $30.**

Music Theory **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: Teacher Recommendation ***Credit: ½ Unit***
Introducing the basics of music theory, this course is designed to help the beginning music student, or those students with limited background in music theory, study the basic elements of music. Topics include notation, rhythm, scales, key signatures, intervals, chords, beginning level melodic and rhythm dictation, ear-training and sight singing skills. **Music materials fee: $10.**

OHS PE/Health Pathways

Course	Grade 9	Grade 10	Grade 11	Grade 12
Health		offered	offered	offered
Individual Sports	offered	offered	offered	offered
Team Sports	offered	offered	offered	offered
Dance	offered	offered	offered	offered
Weight Training 1	offered	offered	offered	offered
Body Works	offered	offered	offered	offered
Athletic Weight Training ★ coach approval		offered	offered	offered
Weight Training for Women ★ teacher approval		offered	offered	offered
Weight Training 2		offered	offered	offered
Psychology & Sociology of Sports			offered	offered
Unified & Adaptive PE Mentorship ★ staff approval			offered	offered
Swimming	offered	offered	offered	offered
Aquatic Recreation	offered	offered	offered	offered
Learn to Swim	offered	offered	offered	offered
Lifeguard Training	offered	offered	offered	offered

NOTES

Physical Eduation: 1.5 credits required
Health: .5 credits required
all courses are 1 semester (.5 credit)
★ = must be recommended

Questions?

David Ford
Acting OHS PE/Health Coodinator
dford8@cherrycreekschools.org
720-747-3411

PHYSICAL EDUCATION & HEALTH

**Courses with weighted grades*

Physical Education classes on the Overland-Prairie Campus offer a wide selection of courses for students of all ability levels and interests. Course offerings allow students to explore a variety of activities and topics of interest while fulfilling the high school requirement of 1.5 credits of Physical Education. These activities include our Personal Fitness classes such as, Swimming, Dance, Body Works and Weight Training 1 & 2. We also offer our popular Recreational and Lifetime Sport Activities which include Team Sports and Individual Sports classes. All Overland students are required to take .5 credits of Health which is a course offered in our Physical Education department.

Psychology & Sociology of Sports is a traditional classroom class that is in our Academic Fitness classification. We look forward to your participation in the Overland Physical Education Department.

Individual Sports **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
This course offers students an introduction or review, through participation, of recreational lifetime sports. The course covers sports and activities such as tennis, lawn games, table tennis bowling (fee involved), and pickle ball. During each unit students are introduced to the skills, strategies, and rules of play. Students may also receive limited exposure to a variety of other recreational games and activities designed to promote participation and enhance the overall importance of game play towards lifetime physical health. This course also has a fitness component that is used to prepare students to engage more safely into activity and game play. This course meets the district physical education skill proficiency requirement for graduation.

Team Sports **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
This course offers students a variety of competitive and recreational activities involving team play. Sports covered are: flag football, soccer, softball, basketball, volleyball, kickball, team handball, ultimate frisbee, and floor hockey. Each unit will include instruction focused on developing basic skills and knowledge regarding the sport. Although primary emphasis is on team sports, students may also receive some exposure to a limited number of other recreational games and activities designed to promote participation and enhance the overall importance of game play towards physical health. This course also has a fitness component that is used to prepare students to engage more safely into activity and game play. This course meets the district physical education skill proficiency requirement for graduation.

P.E. and Whole Wellbeing **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
Designed to help students build positive, lasting relationships with physical activity. This course focuses on helping students discover activities they enjoy, develop personal competence, and understand how movement supports their physical, social, and emotional well-being. Students will engage in a variety of individual, partner, and small-group activities that emphasize choice, personal goal setting, skill development, and reflection. Instruction is centered on the key features of meaningful experiences in physical education: fun and enjoyment, personal challenge, social connection, skill development, student voice and choice, and opportunities for personal relevance. The primary purpose of this course is to promote non-competitive aspects of fitness and physical education.

Dance **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
This beginning dance course is designed to expose students to dance as an opportunity for fitness development and as an art form. Students will learn the fundamentals of movement, dance technique, improvisation, anatomy, choreography, performance skills, and dance vocabulary. Hip-hop, jazz, tap, and ballet will be studied in this class. This course will help the dancer to develop collaboration and communication skills. This course may be repeated for credit and it meets the district Physical Education skill proficiency requirement for graduation.

Swimming **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
Students need to know the basics of swimming and feel comfortable in deep water in order to take this class. Students must be able to swim the length of the pool without stopping (25 meters). This is an individualized class that allows swimmers an opportunity to improve water skills and personal fitness. Students are introduced to a variety of swim strokes that they will practice and refine. Safety, turns, treading, and diving are also introduced, practiced and refined. Students will learn how to apply their skills toward setting and achieving individual fitness goals through supervised lap swim. This class meets the district physical education proficiency requirement for graduation.

Weight Training 1 **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
This class serves as an introduction to the basic principles of weightlifting. The focus is to increase strength by lifting weights up to three times per week through many different forms of weight and strength training. The five components of fitness are taught with an emphasis on muscular strength, cardiovascular endurance and flexibility.

Body Works **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
This course provides experiences in a variety of exercise methods and weight training routines. Emphasis on developing muscle tone and strength as well as other fitness components including flexibility and cardiovascular training. Yoga, Pilates, and CrossFit Training will be incorporated in this class. Nutritional information regarding healthy eating habits will also be taught in conjunction with proper exercise to enhance fitness and reduce body fat. This class meets the district physical education fitness proficiency requirement for graduation.

Athletic Weight Training **Grades: 10-12** ***Course Length: 1 Semester***
Prerequisite: Approval of Teacher/Head Coach ***Credit: ½ Unit***
This course is designed for the OHS student athlete and will develop his five components of fitness (flexibility, muscular strength endurance, agility, and cardiovascular endurance) through specific sport training. The cognitive aspects of training, including: body composition, nutrition, psychology, anatomy, physiology and injury prevention, will enhance the overall wellness of the individual. The outcome of this class is peak performance at a highly competitive level, as well as promoting fitness for life. This class meets the district physical education fitness proficiency requirement for graduation.

Weight Training for Women **Grades: 10-12** ***Course Length: 1 Semester***
Prerequisite: Approval of Teacher/Head Coach ***Credit: ½ Unit***
This course is designed for the OHS student athlete and will develop his five components of fitness (flexibility, muscular strength endurance, agility, and cardiovascular endurance) through specific sport training. The cognitive aspects of training, including: body composition, nutrition, psychology, anatomy, physiology and injury prevention, will enhance the overall wellness of the individual. The outcome of this class is peak performance at a highly competitive level, as well as promoting fitness for life. This class meets the district physical education fitness proficiency requirement for graduation.

Health **Grades: 10-12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
This class focuses on issues and concepts of personal health as they apply to mental, emotional, physical, and social well-being. The purpose of Health is to assist students in acquiring knowledge on various health-related issues, so they make informed decisions and understand the control the individual has over his or her health. Topics include stress and conflict management, nutrition, addiction, eating disorders, disease, relationships, environmental and hereditary influences on health, and more. This course meets the district health education proficiency requirement for graduation.

Weight Training 2 **Grades: 10-12** ***Course Length: 1 Semester***
Prerequisite: Weight Training 1 ***Credit: ½ Unit***
This class offers students who have completed Weight Training 1 an opportunity to expand their weight training experiences. Emphasis is on applying exercise principles to design personalized strength, endurance and toning programs. This class meets the district physical education fitness proficiency requirement for graduation.

Psychology & Sociology of Sports **Grades: 11-12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
This course examines the dominating influence that sport has on our society. During the semester students explore the relationship of sport to religion, education, values, economics, politics, media, and entertainment. Topics covering specific issues and controversies in sport include racism, drugs, ethics, competition, women, children, violence and future trends. In addition, the class explores individual behavior in sport. Discussions will include the personality characteristics of the athlete, coach, and even the sports fan. Students examine individual motivation, aggression, anxiety, and different mental states in relation to athletic performance.

Unified/Adaptive PE Mentorship **Grades: 11-12** ***Course Length: 1 Semester***
Prerequisite: Coach, Teacher or Counselor recommendation ***Credit: ½ Unit***
This course provides students the opportunity to earn Physical Education credit by assisting and mentoring special needs students in our Adaptive/Unified PE class. Students will not be required to dress out for class but will be responsible for actively mentoring and assisting SAS students in a variety of activities. This class is for the student who has a desire to help other students and must be willing to be actively involved with game play and a variety of other sports activities.

Aquatic Recreation **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: Ability to pass swim proficiency test ***Credit: ½ Unit***
Students must know how to swim to be successful in this class. This class begins with a review of fundamental swimming and diving techniques. Then the class will progress toward a wide variety of water activities including snorkeling, water polo, water basketball, aquatic fitness and paddle sports. Students will learn community water activities with an emphasis on fun, safety, and lifelong water fitness. Students are required to provide their own approved appropriate swimwear.

Learn to Swim **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
This class is for first time swimmers who have anxiety or discomfort in water. A foundation of basic balance and movement skills will be developed through a series of fundamental water exercises. The goal is for the student swimmer to become comfortable and controlled in both shallow and deep water. The fundamental skills learned in this course will provide a foundation for learning stroke technique, such as freestyle and breaststroke. Students are required to provide their own approved appropriate swimwear.

Lifeguard Training **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: 15 years or old/pass swim proficiency test ***Credit: ½ Unit***
The lifeguard training course provides students with the knowledge and skills to prevent, recognize and respond to aquatic emergencies and to provide care for breathing and cardiac emergencies injuries and sudden illnesses until EMS personnel take over. The lifeguard class includes comprehensive training in-water rescues, CPR/AED for the Professional Rescuer and first-aid skills. Students will have the opportunity to demonstrate skills throughout the course in order to obtain an American Red Cross Lifeguard Certification. Students will need advanced swim fitness and comfortability with deep submersion for the lifeguard skill requirements. The fee for this class covers the textbook, lifeguard pack, pocket mask and upon completing all Red Cross skills assessments, a certification good for two years.
Students must be 15 years of age or older and pass a swim test. Additional fees will be required.

STUDENT ACHIEVEMENT SERVICES

**Courses with weighted grades*

Student Achievement Services offers services and supports for students have an Individualized Education Plan (IEP). Our continuum of services is designed to meet the individual needs of each student with an IEP. Course offerings provide students in-class support in general education classes, as well as intensive supported instruction outside of the general education classroom, based on a student's IEP. Since an IEP is required for placement in these classes, students should consult with their case manager to enroll in these classes.

Along with providing intensive supported instruction, SAS provides support through teamed taught instruction in core academic areas. These classes include Math 6-8, Algebra 1, Algebra 2, Geometry, Language Arts 6-8, English 9-12, Government, and U.S. History.

Elements of English 9 **Grades: 9** ***Course Length:1 Year***
Prerequisite: Must have current IEP ***Credit: 1 Unit***
This course is recommended for 9th grade students who are in need of significant review of basic English concepts. Students taking this course will receive instruction in basic reading and writing skills utilizing a modified version of English 9. The topics will include oral presentations, listening skills, reading and interpreting more complex literary and informational texts, writing narrative, informational, and persuasive texts, working to revise grammar, usage, and mechanics to achieve greater clarity in his/her own writing, and analyzing informational materials, including electronic sources, for their relevance and accuracy.

Elements of English 10 **Grades: 10** ***Course Length:1 Year***
Prerequisite: Must have current IEP ***Credit: 1 Unit***
This course is recommended for 10th grade students who are in need of significant review of basic English concepts. Students taking this course will receive instruction in basic reading and writing skills utilizing a modified version of English 10. The topics will include oral presentations, listening skills, reading and interpreting literary, informational, and persuasive manuscripts in order to develop ideas and to understand traditional and contemporary texts, writing narrative, informational, and persuasive texts, working to revise grammar, usage, and mechanics to achieve greater clarity in his/her own writing, and evaluate the validity of multiple sources while collecting information in order to answer a question, propose solutions, or share findings.

Elements of English 11 **Grades: 11** ***Course Length:1 Year***
Prerequisite: Must have current IEP ***Credit: 1 Unit***
This course is recommended for 11th grade students who are in need of significant review of basic English concepts. Students taking this course will receive instruction in basic reading and writing skills utilizing a modified version of English 11. The topics will include oral expression, evaluating the meaning of texts, and writing stylistically and thematically. They will revise informational and persuasive texts to inform or influence an audience while making ongoing revisions in grammar, usage, and mechanics to achieve greater clarity. Research: Students will study critical thinking and evaluate quality reasoning.

Elements of English 12 **Grades: 12** ***Course Length:1 Year***
Prerequisite: Must have current IEP ***Credit: 1 Unit***
This course is recommended for 12th grade students who are in need of significant review of basic English concepts. Students taking this course will receive instruction in basic reading and writing skills utilizing a modified version of English 12. The topics will include oral presentations, listening skills, reading and interpreting literary, informational, and persuasive manuscripts in order to develop ideas and to understand traditional and contemporary texts, writing narrative, informational, and persuasive texts, working to revise grammar, usage, and mechanics to achieve greater clarity in his/her own writing, and evaluate the validity of multiple sources while collecting information in order to answer a question, propose solutions, or share findings.

Elements of Algebra **Grades: 9** ***Course Length:1 Year***
Prerequisite: Must have current IEP ***Credit: 1 Unit***
Students taking this course will receive instruction in basic arithmetic skills utilizing a modified version of Algebra 1 for freshmen students. The topics covered include sets, the real number system and its properties, operations with polynomials, linear equations, inequalities, systems of equations, factoring polynomials, graphing, radicals, and quadratic equations. This class utilizes an interactive, hands-on approach for students to master these basic algebra concepts. This course provides the required background necessary for the successful completion of Elements of Geometry and Elements of Math. Problem solving is emphasized and students use current technology including calculators and computers.

Elements of Geometry **Grades: 10** ***Course Length:1 Year***
Prerequisite: Must have current IEP ***Credit: 1 Unit***
This course is the second year of the sequence of Elements of Algebra, Elements of Geometry, and Elements of Math. Students taking this course will receive instruction in basic arithmetic skills utilizing a modified version of Geometry for sophomore students. The topics include reasoning and proof, perpendicular and parallel lines, triangles, quadrilaterals, similarity, right triangle trigonometry, circles, area, and volume. It offers students many opportunities to explore geometric situations, develop concepts, and use theorems and postulates to solve applications. Students will learn to communicate reasoning through proofs and other forms of writing. The course provides continued use of algebra skills integrated into geometry concepts.

Elements of Algebra 2 **Grades: 11** ***Course Length:1 Year***
Prerequisite: Must have current IEP ***Credit: 1 Unit***
This course is the 3rd year of the SAS math sequence for juniors and seniors. Students taking this course will receive instruction in basic arithmetic skills utilizing a modified version of the Algebra 2 curriculum. The course covers topics such as quadratic functions, complex numbers, solving systems of equations and inequalities, polynomial functions, exponential and logarithmic function The student will take the Algebra 2 District capstones in an accommodated manner as part of this class. This will help students meet the graduation requirements for math proficiency.

Elements of Economics **Grades: 10-12** ***Course Length: 1 Semester***
Prerequisite: Must have current IEP ***Credit: ½ unit***
Elements of Economics is a one semester course designed to meet 0.5 of the 1.5 required social studies credit. This course looks at how money and the economy influence our daily lives and the world around us. We will also learn about resources and how and why they are allocated.

Elements of Social Studies **Grades: 10-12** ***Course Length: 1 Year***
Prerequisite: Must have current IEP ***Credit: 1 Unit***
Elements of Social Studies is a year-long course designed to provide the student with opportunities to learn and practice skills necessary to succeed in high school and after graduation as well as provide time for independent study and social studies exploration. As a culminating experience, students create a portfolio that may be used to meet graduation capstone requirements. Passing this course meets 1.0 of the 1.5 credits required for graduation in the area of social studies.

Elements of Global Studies **Grades: 9** ***Course Length:1 Year***
Prerequisite: Must have current IEP ***Credit: 1 Unit***
In Global Studies we study geography and history. Our history curriculum covers themes from the year 1200 AD through present day. We look at causes and effects of world history events and their impact on today. In this class we also study human geography concepts of culture, population, natural resources, development, human rights, and globalization with a focus on exploring reasons why the world is unevenly developed. In this class we will learn and use critical thinking, reading, writing, and speaking skills. Passing this course will complete 1.0 of the 1.5 required social studies coursework towards graduation.

Elements of American Government **Grades: 10-12** ***Course Length:1 Semester***
Prerequisite: Must have current IEP ***Credit: ½ Unit***
Elements of Government is a state-required, semester-long course designed to introduce students to the Constitutional principles of the United States republican form of government and how to apply this constitutional knowledge to form an understanding of government. Students will also examine current U.S. policies, citizen rights and the means to participate

within government, as well as the relationships on the local, state, national and international level. This course is designed to address state standards in Government and Civics.

Elements of US History **Grades: 11-12** ***Course Length:1 Year***
Prerequisite: Must have current IEP ***Credit: 1 Unit***
Elements of US History explores America's historical development from the Reconstruction Era to the present day. Students will acquire a sense of chronology, identify causes and effects, recognize the events, individuals, and philosophies that helped shape our contemporary society, and use historical inquiry to evaluate prominent episodes in U.S. history. Some major topics include social and ethnic development, Industrialization, the World Wars, the Depression, the Cold War Era, the Vietnam Era, the 1960's and 70's, and the developments of the 1980's and early 1990's. This course meets U.S. History requirement.

Elements of Consumer Math **Grades: 12** ***Course Length:1 Year***
Prerequisite: Must have current IEP ***Credit: 1 Unit***
This course will introduce students to the financial and graphical analysis side of mathematics. This course is designed to take math and make it applicable and accessible. The math knowledge needed is basic mathematics. This class will cover a review of decimals and percents, ratios and proportions. The topics covered are personal finance math, money management, Interest & Credit, financial decision-making, and different voting methods.. The course provides an access point for math with students that have not found much success in traditional math courses and who have a need to be career and consumer ready.

Work Experience/Career Exploration **Grades: 10-12** ***Course Length: 1 Semester***
Prerequisite: Must have current IEP ***Credit: ½ Unit***
This class is only for seniors. In this class students have opportunities to learn how to advocate for their learning styles that support them in career exploration, and post-secondary education and / or training. Students engage in employment training, budgeting for a lifestyle, and social skills training. This course meets Post-Secondary Outcomes per the students' IEP. Students learn to make informed decisions through reading, writing, thinking, and asking questions in real world applications.

Affective Education **Grades: 9-12** ***Course Length:1 Year***
Prerequisite: Must have current IEP ***Credit: 1 Unit***
The Affective Education class is for students with severe emotional learning needs. Students in this will receive affective needs instruction and English instruction every day in conjunction with taking other core and elective classes throughout the building.

ILC Practical English (ILC Reading, Life Skills English) **Grades: 9-12** ***Course Length:1 Year***
Prerequisite: Must have current IEP ***Credit: 1 Unit***
This course is designed for students in the ILC Program. This class is designed for ILC students to develop functional English skills. Major emphasis is placed on reading for job or community survival, functional writing, vocabulary, grammar and speech.

ILC Social Studies 1 & 2 **Grades: 9-12** ***Course Length:1 Year***
Prerequisite: Must have current IEP ***Credit: 1 Unit***
This course is designed for students to introduce and review functional community/social skills. Students explore functional words/signs, geography, maps (including bus schedules and routes), laws, job skills, and different racial and ethnic cultures.

ILC Math 1 & 2 **Grades: 9-12** ***Course Length:1 Year***
Prerequisite: Must have current IEP ***Credit: 1 Unit***
This course is designed to develop functional math skills. Major emphasis is placed on all functional skill areas, such as money/budgeting, time, measurement/cooking and word problem solving. Students also develop basic mathematic skills.

ILC Consumer Math **Grades: 9-12** ***Course Length:1 Year***
Prerequisite: Must have current IEP ***Credit: 1 Unit***
This course is designed for students to support and develop functional math skills through systematic and explicit instruction. This class follows the guiding principles of access for all, repetition and practice, systematic and explicit instruction, and will follow a research based and regimented pacing guide, spending adequate time on each lesson to ensure student success and understanding. Included in the scope and sequence of this course are patterns, graphing, probability, matching, calendar skills, measurement, money, and time skills.

ILC Health **Grades: 9-12** ***Course Length: 1 Sem***
Prerequisite: Must have current IEP ***Credit: ½ Unit***
This class focuses on issues and concepts of personal health as they apply to mental, emotional, physical, and social well-being. The purpose of Health is to assist students in acquiring knowledge on various health-related issues, so they make informed decisions and understand the control the individual has over his or her health. Topics include stress and conflict management, nutrition, addiction, eating disorders, disease, relationships, environmental and hereditary influences on health, and more. This course meets the district health education proficiency requirement for graduation.

ILC Science **Grades: 9-12** ***Course Length: 1 Sem***
Prerequisite: Must have current IEP ***Credit: ½ Unit***
This course is designed for students to investigate topics in the fields of health, biology, Earth science, ecology, and chemistry. Throughout the course, science concepts are explained using familiar everyday examples.

ILC World of Work & Pre-Vocational **Grades: 9-12** ***Course Length: 1 Year***
Prerequisite: Must have current IEP ***Credit: 1 Unit***
This course is designed for students to transfer all learning that has taken place in the classroom into the community in a functional, applied manner. Some of the trained skills may include doing personal grocery shopping, making snack and meal purchases, enjoying recreational activities in the community, community safety, and becoming trained in accessing RTD transportation.

ILC Domestic Science **Grades: 9-12** ***Course Length:1 Year***
Prerequisite: Must have current IEP ***Credit: 1 Unit***
This course is designed for students to develop functional life skills. Major emphasis is placed on cooking, hygiene, social skills, communication and functional curriculum.

ILC General Skills **Grades: 9-12** ***Course Length:1 Year***
Prerequisite: Must have current IEP ***Credit: 1 Unit***
This course is designed for students to develop functional life skills. Course includes using TEACCH methodology and structured tasks to increase independence and ability to function in the community. Students work on hygiene, social skills, communication, leisure skills, vocational training, sensory-motor skills, and functional curriculum.

ILC Reading 1 **Grades: 9-12** ***Course Length:1 Year***
Prerequisite: Must have current IEP ***Credit: 1 Unit***
This course is designed for students in the ILC Program. This class is designed for ILC students to develop functional English skills. Major emphasis is placed on reading for job or community survival, functional writing, vocabulary, grammar and reading comprehension.

ILC Reading 2 **Grades: 9-12** ***Course Length:1 Year***
Prerequisite: Must have current IEP ***Credit: 1 Unit***
This course is designed for students in the ILC Program. This class is designed for ILC students to develop functional English skills. Major emphasis is placed on reading for job or community survival, functional writing, vocabulary, grammar and reading comprehension.

ILC English **Grades: 9-12** ***Course Length:1 Year***

Prerequisite: Must have current IEP ***Credit: 1 Unit***

This course is designed for students in the ILC Program. This class is designed for ILC students to develop functional English skills. This course is aimed at learning grammar, sentence structure, and reading comprehension. We may also study literary terms, and functional vocabulary/reading comprehension.

Practical English **Grades: 9-12** ***Course Length:1 Year***

Prerequisite: Must have current IEP ***Credit: 1 Unit***

This course is designed for students in the ILC Program. This class is designed for ILC students to develop functional English skills. Major emphasis is placed on reading for job or community survival, functional writing, vocabulary, grammar and reading comprehension.

ILC Community **Grades: 9-12** ***Course Length:1 Year***

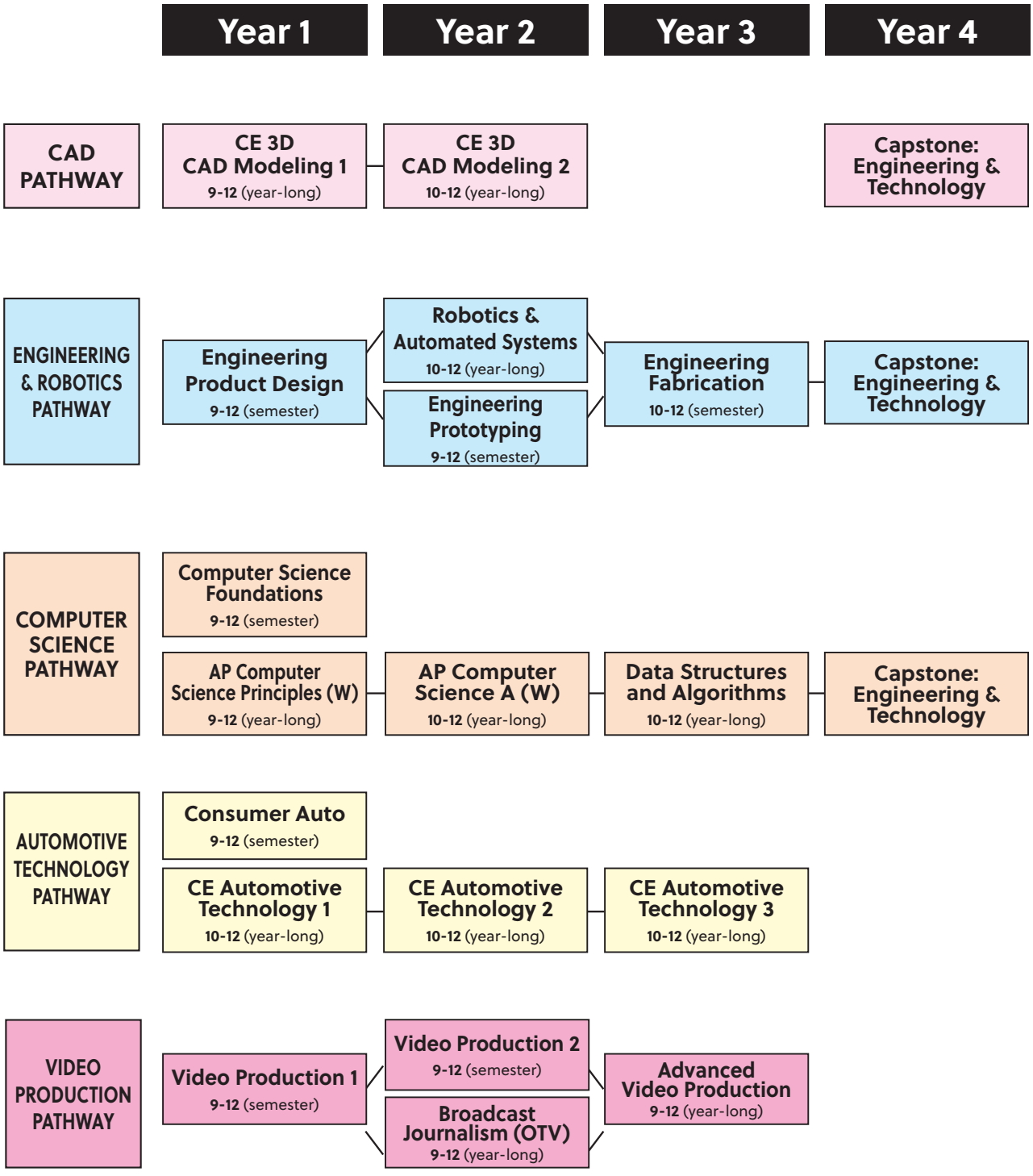
Prerequisite: Must have current IEP ***Credit: 1 Unit***

This course is designed for students to transfer all learning that has taken place in the classroom into the community in a functional, applied manner. Some of the trained skills may include doing personal grocery shopping, making snack and meal purchases, enjoying recreational activities in the community, community safety, and becoming trained in accessing RTD transportation.

18-21 Step-Up! Transition Program

This is an optional program for students who have completed their high school credit requirements. Eligible students continue to have needs in preparing for the transition to adult life and may participate in the 18-21 Step-Up! Transition Program. This is a community-based program. Eligible students participate in work experience, recreation and leisure activities, small group instruction, and other activities. Students will be required to bring a daily sack lunch. Nominal fees will be requested for transportation and recreational activities.

OHS Technology Pathways



NOTES CE = concurrent enrollment
W = weighted grade

Questions?
Erica McHenry-Hutto
Overland CTE Department Coodinator
emchenryhutto@cherrycreekschools.org
720-747-3866

TECHNOLOGY

**Courses with weighted grades*

The Technology Department offers a wide selection of courses designed to advance the interests and abilities of all students. Considering the importance of technology today, the skills that are taught in these classes are valuable and can be used in many other content areas. Currently, courses are offered in engineering, computer aided design, computer science, robotics, multimedia, web design, automotive technology, and other applied technologies. The Overland-Prairie Campus is committed to preparing students for their future and, therefore, offers several certification and diploma-certificate opportunities in technology through the career pathways.

3D CAD Modeling 1 CE CTE **Grades: 9-12** ***Course Length: 1 Year***
Prerequisite: None ***Credit: 1 Unit***

Computer Aided Design is an entry-level STEM class that teaches students how to use various technologies to read, create, and manufacture digital designs. Students will complete projects that emphasize engineering design, reasoning, problem solving, and entrepreneurship. Focuses on basic computer aided drafting skills using the SolidWorks software. Includes file management, Cartesian coordinate system & dynamic input, drawing templates, drawing aids, linetype and lineweights, layer usage, drawing & editing geometric objects, polylines & splines, array, text applications, creating tables, basic dimensioning and help access. This course aligns with the Colorado Community College course SolidWorks Basic (CAD 256). Students will have the opportunity to earn high school credit while at the same time enroll in and earn community college credits with the opportunity to transfer credit to an institution of higher education. Students are encouraged to participate in the Technology Student Association (TSA). If the student is interested in earning community college credit, an additional free application is required. More information can be found at www.cherrycreekschools/cteon the Concurrent Enrollment tab. *9CE3DCAD1*

3D CAD Modeling 2 CTE **Grades: 10-12** ***Course Length: 1 Year***
Prerequisite: Successful completion of 3D CAD Modeling 1 ***Credit: 1 Unit***

3D CAD Modeling 2 is a second-year course that extends student skills in computer aided design while performing advanced projects in engineering, science, and technology. Students will use automatic fabrication tools such as 3D printers, laser cutters, and CNC milling machines to solve authentic problems in different fields including aerospace, biomedical, civil, electrical, and mechanical engineering. Focuses on intermediate 2D computer aided drafting skills using the SolidWorks software. Includes blocks, wblocks & dynamic blocks, hatching, isometric drawings, advanced dimensioning and dimension variables, layouts, paper space and viewports, templates, external references, attributes, raster images. This course aligns with the Colorado Community College course SolidWorks Mechanical (CAD 257). Students will have the opportunity to earn high school credit while at the same time enroll in and earn community college credits with the opportunity to transfer credit to an institution of higher education. If the student is interested in earning community college credit, an additional free application is required. Students are encouraged to participate in the Technology Student Association (TSA). If the student is interested in earning community college credit, an additional free application is required. More information can be found at www.cherrycreekschools/cteon the Concurrent Enrollment tab.

Engineering Product Design CE **Grades: 10-12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***

Designed to introduce students to the STEM cluster for students interested in learning more about careers in engineering and technology. This course covers basic skills required for engineering and technology fields of study. Upon completion of this course, students are able to identify and explain the steps in the engineering design process. They can evaluate an existing engineering design, use fundamental sketching and engineering drawing techniques, complete simple design projects using the engineering design process, and effectively communicate design solutions to others. Industry standard Solidworks Computer Aided Design (CAD) software will be used to design and develop projects that will be created in the Manufacturing Lab. Projects change each semester and have included puzzle cubes, wooden clocks, light boxes, and other special designs. Students are encouraged to participate in the Technology Student Association (TSA).

Engineering Prototyping CE **Grades: 10-12** ***Course Length: 1 Semester***
Prerequisite: Engineering Product Design ***Credit: ½ Unit***
The course covers essential knowledge, skills, and concepts required for postsecondary engineering and technology fields of study. Upon completion of this course, proficient students are able to describe various engineering disciplines, as well as admissions requirements for postsecondary engineering and engineering technology programs in Colorado. They will also be able to identify simple and complex machines, calculate various ratios related to mechanisms, explain fundamental concepts related to energy, understand Ohm's Law, follow the steps in the engineering design process to complete a team project, and effectively communicate design solutions to others. In the course, students will use industry standard Solidworks Computer Aided Design (CAD) software to design projects and then create them using advanced manufacturing techniques, including 3D printing, CNC milling and laser engraving. Projects change each semester, but have included; light sculptures, simple electronic devices, and other special designs. Students are encouraged to participate in the Technology Student Association (TSA).

Robotics & Automated Systems CTE **Grades: 10-12** ***Course Length: 1 Year***
Prerequisite: Engineering Product Design ***Credit: 1 Unit***
In this project-based course, students use a micro-controller to control robots and other complex electromechanical systems. Students will learn how to build, program, and test robots. Throughout the year we will continue to build skills further advancing how to innovate our robots through different builds and writing different programs. We will build robots that will sense their surroundings to do various and increasingly complex tasks. By the end of the year our robots will be able to navigate a specific path, find items on its own, pick-up items, and make smart adjustments to travel specific directions and distance. Students are encouraged to participate in the Blazerbots FIRST Robotics Club. *6CTESTROB*

Consumer Automotive CTE **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
Fee - $30. This course is designed to give the first year student a basic understanding and introduction to the occupation of Automotive Service and Repair. This will include studies in the following areas: orientation to automotive related industries; career opportunities in the field; orientation to an automotive shop environment; shop and environmental safety; identifying and using tools related to the industry; hazardous materials and waste management; communications and public relations as it relates to the industry; use of manuals and computers in all areas of the industry; use of precision measuring tools and automotive math; theory, presentation and evaluation of performance tasks in the areas of automobile repair.

Automotive Technology 1 CTE **Grades: 10-12** ***Course Length:1 Year***
Prerequisite: None ***Credit: 1 Unit***
Fee - $60. Automotive Service Technology (AST) prepares individuals to apply technical knowledge and skills to repair, service, and maintain all types of automobiles at an INTERMEDIATE level. This course builds on concepts learned in Auto Basic, MLR, and/ or Compact Engines. Students receive instruction on basic automobile maintenance requirements, specific tool uses and safety procedures. Inspection and repair of automotive systems is stressed in the areas of brakes, electrical, suspension, fuel, emissions and tune up procedures.

Automotive Technology 2 (CE) CE CTE **Grades: 10-12** ***Course Length:1 Year***
Prerequisite: Successful completion of Automotive Technology 1 ***Credit: 2 Units***
Fee - $60. Automotive Service Technology (AST) prepares individuals to apply technical knowledge and skills to repair, service, and maintain all types of automobiles at an INTERMEDIATE level. This course builds on concepts learned in Auto Basic, MLR, and/ or Compact Engines. This course is designed to expand the knowledge and skills that the student achieved in Automotive Technology I. Each student will become proficient in advanced skills in the areas of electronic and computerized ignition systems, brake systems, and fuel systems. The students will continue to receive instruction in brakes, electrical/electronic systems, engine performance, and suspension and steering to continue to prepare them for the ASE certification exams. This course aligns with the Colorado Community College course ASE 150. Students will have the opportunity to earn high school credit while at the same time enroll in and earn community college credits with the opportunity to transfer credit to an institution of higher education. If the student is interested in earning community college credit, an additional free application is required. More information can be found at www.cherrycreekschools/cte on the Concurrent Enrollment tab.

Automotive Technology 3 (CE) CE GTE **Grades: 10-12** ***Course Length:1 Year***
Prerequisite: Successful completion of Automotive Technology 1 and 2 ***Credit: 2 Units***
Fee - $60. Automotive Service Technology (AST) prepares individuals to apply technical knowledge and skills to repair, service, and maintain all types of automobiles at an INTERMEDIATE level . This course builds on concepts learned in Auto Basic, MLR, and/ or Compact Engines. This course focuses on the removal and installation procedures of the automotive engine from and into front wheel and rear wheel drive vehicles. The students will have lecture and laboratory experiences in the disassembly, diagnosis and reassembly of the automotive engine. Topics include the diagnostic and repair procedures for the engine block and head assemblies. Practical and safe methods of removal and installation of engines, transmissions, transfer cases, clutch assemblies, bolt, and thread repair are included in the course.

AP Computer Science Principles** GTE **Grades: 9-12** ***Course Length:1 Year
Prerequisite: Geometry (may be taken concurrently) or teacher recommendation. Prior programming experience recommended. ***Credit: 1 Unit***
Fee - $10. AP Computer Science Principles is an introductory college-level computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge. Students also explain how computing innovations and computing systems—including the internet—work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.

AP Computer Science A** GTE **Grades: 10-12** ***Course Length:1 Year
Prerequisite: Algebra 2 (may be taken concurrently) and Computer Science Principles or teacher recommendation. Prior programming experience recommended. ***Credit: 1 Unit***
Fee - $10 AP Computer Science A is an introductory college-level computer science course. Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures.

DE Data Structures & Algorithms** GTE **Grades: 11-12** ***Course Length:1 Year
Prerequisite: Successful completion of AP Computer Science A or Teacher Recommendation ***Credit: 1 Unit***
This course is a college level course that is a follow-up to AP Computer Science A. This course will cover additional data structures, which include, but are not limited to, arrays, lists, stacks, and queues, trees, and hash tables. This course will also expose students to basic algorithmic development techniques as related to the data structures studied.

Video Production I GTE **Grades: 9-12** ***Course Length:1 Semester***
Prerequisite: None ***Credit: ½ Unit***
This course explores the Audio and Video production industry and its post-secondary educational and career opportunities. Students will gain job-specific training for entry level employment in audio, video, television, and motion picture careers. Professional grade equipment and software will be used in the creation of student lead productions. Students will be involved in every aspect of several class and small group audio, video, and film style production projects with emphasis on TV studio broadcasting and news production projects. Students will also be encouraged to participate as studio crew for district productions outside of school hours.

Video Production II GTE **Grades: 9-12** ***Course Length:1 Semester***
Prerequisite: Video Production I ***Credit: ½ Unit***
This course explores the Audio and Video production industry and its post-secondary educational and career opportunities. Students will gain job-specific training for entry level employment in audio, video, television, and motion picture careers. Professional grade equipment and software will be used in the creation of student lead productions. Students will be involved in every aspect of several class and small group audio, video, and film style production projects with emphasis on TV studio broadcasting and news production projects. Students will also be encouraged to participate as studio crew for district productions outside of school hours.

Broadcast Journalism (OTV) CTE **Grades: 9-12** ***Course Length:1 Year***
Prerequisite: Successful completion of Video Production I or previous video experience w/ teacher approval ***Credit: 1 Unit***

Fee - $10 Students will examine the techniques and technologies involved in creating multi camera shoots for the news and narrative broadcast television genres. Students will explore the unique logistical, structural, and aesthetic methodologies that distinguish broadcast production from other types of production.

APPLICATION & TEACHER SIGNATURE REQUIRED

Advanced Video Production CTE **Grades: 9-12** ***Course Length:1 Year***
Prerequisite: Video Production II or Broadcast Journalism (OTV) ***Credit: 1 Unit***

Fee - $10 This year-long class gives students the opportunity to practice advanced filming and editing techniques through visual storytelling. Students work in groups and/or pairs structuring and shooting exercises and original projects to be edited. Students will learn to write in depth screenplays and will use advanced storyboarding techniques to create short films. Students will gain a deeper understanding of green screen effects and will learn about set design and the process of making films in industry. This course allows for advanced work in the Digital Media & Communications Program of Study. This advanced work can be individualized to the specific program of study to allow for specialized study for the student. It may include project-based learning or preparation for end of program industry certification. Specific content and course design will be determined by the instructor in collaboration with the individual student.

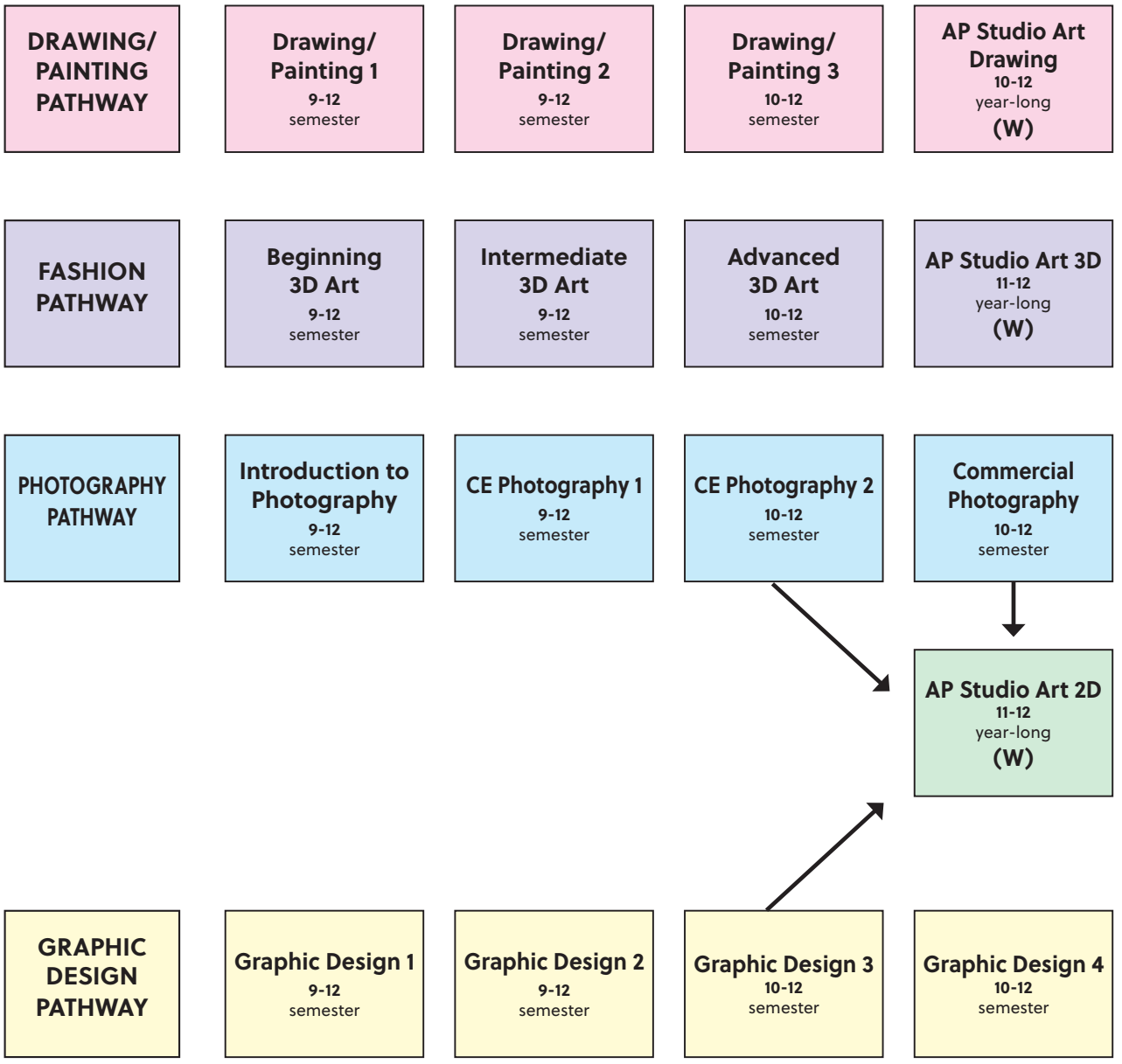
Computer Science Foundations **Grades: 9-12** ***Course Length:1 Semester***
Prerequisite: None ***Credit: ½ Unit***

Computer Science Foundations (CSF) is a course designed to provide students with exposure to various information technology occupations and pathways, including Networking Systems, Coding, Web Design, and Cybersecurity. Upon completion of this course, proficient students will be able to describe various information technology (IT) occupations and professional organizations. Moreover, they will be able to demonstrate logical thought processes and discuss the social, legal, and ethical issues encountered in the IT profession. Depending on the focus area, proficient students will also demonstrate an understanding of electronics and basic digital theory; project management and teamwork; client relations; causes and prevention of Internet security breaches; and writing styles appropriate for web publication. Upon completion of the CSF course, students will be prepared to make an informed decision about which Information Technology program of study to pursue.

CapstoneL Engineering & Technology CTE **Grades: 12** ***Course Length:1 Year***
Prerequisite: Completion of Technology Pathway ***Credit: 1 Unit***

"Capstone: Engineering & Technology" is a capstone class which allows students to continue their study of a technology pathway: engineering, computer science, arts and technical communication, biotechnology, etc. Students work with the teacher to design an independent advanced project to continue studies of a topic in which they have developed a strong interest. Students conduct research around their project and document all work through a project journal and make a formal project presentation. Goal setting, time management, and independent learning are skills developed in this course. This class will be instrumental in helping students make future career and educational decisions. Students enrolled in Capstone are encouraged to participate in Technology Student Association (TSA).

OHS Visual Arts Pathways



NOTES CE = concurrent enrollment
W = weighted grade

Questions?
Phil Drozda
Overland Fine Arts Dept. Coodinator
pdrozda@cherrycreekschools.org
720-747-3166

VISUAL ARTS

**Courses with weighted grades*

The Visual Arts Department offers a wide selection of courses designed to advance the interests and abilities of all students. Arts education encourages and nurtures individual voice and it is the Overland-Prairie Campus belief that all students can benefit from education in the arts. To ensure this, our focus is on building capacity for creative, collaborative, and critical At Prairie, students will experience the visual arts through an exploratory approach. Students will be engaged in a rigorous curriculum covering cultural, historical, and cross-curricular.

Introduction to Photography CTE **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
Student are introduced to the variety of programs and occupations in the arts, audio/video technology, and communication systems. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities. This photography course focuses on photography. Students will learn basic DSLR camera operations, and beginning editing of Photographic work. *9CTEIPS*

CE Photography I CE CTE **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: Photography 1 with a passing grade ***Credit: ½ Unit***
This photography course focuses on studio-based photography. Students will learn basic DSLR camera operations, framing and the art of styling and lighting for professional photo shoots. Projects will include various print advertisements and studio work. Students will learn about careers in related to commercial photography and the postsecondary programs and requirements within Colorado. Some examples of
jobs in this area are photographer, graphic designer and stylist. Students will complete a number of projects and design pieces to be added to personal portfolios. As this is a CE course, additional time outside of class will be required.

CE Photography II CE CTE **Grades: 10-12** ***Course Length: 1 Semester***
Prerequisite: Photography 2 with a passing grade ` ***Credit: ½ Unit***
This course builds upon CE Commercial Photography 1 and emphasizes the needs of commercial photographers with regard to technical expertise, creativity, and professional equipment. Technical aspects include Digital to film transfer, lighting, digital image manipulation, alternative processes and stock photography. Creative exploration of subject matter, lighting, color theory and other psychological characteristics in the development of images are studied. A variety of photographic equipment is utilized for the studio and on location. Students are expected to create a portfolio of work for both print and electronic formats. As this is a CE course, additional time outside of class will be required.

Commercial Photography CE CTE ` **Grades: 10-12** ***Course Length: 1 Semester***
Prerequisite: Photography 1, 2, & 3 with a passing grade ***Credit: ½ Unit***
This course Builds upon Commercial Photography 1&2 and is designed to challenge students to refine their ability to coverage in two or three specific themes or techniques, and thoroughly explore them through the medium of photography. This optional precursor to AP Photography (AP 2D Studio Art) will help you create a "Concentration" that will provide additional support for the completion of your AP 2D Studio Art Portfolio.

Drawing & Painting 1 **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
Fee - $25. This course is designed for students to explore the basics of drawing and painting. Students work in a variety of wet and dry media including tempera paint, pen, pencil, and much more. Drawing & Painting 1 students will learn how to design compositions, utilize their imagination, and learn how to work from real life. This class is technique based and it is a great foundation for all art classes. Artists from multiple different movements are explored and students build a visual art vocabulary. No previous experience is required for this class.

Drawing & Painting 2 **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: Drawing & Painting 1 with a passing grade ***Credit: ½ Unit***
Fee - $25. Students enhance the skills learned in Drawing and Painting 1 to further explore two-dimensional drawing and painting media. Creative thinking and problem-solving strategies are encouraged in the making of several finished projects.

Drawing & Painting 3 **Grades: 10-12** **Course Length: 1 Semester**
Prerequisite: Drawing & Painting 2 with a passing grade ***Credit: ½ Unit***
Fee - $25. The keynote of this class is developing personal voice, while expanding skills. More emphasis is placed on visual concepts, experimentation, problem solving strategies, and continued personal artistic expression. Students who complete this class in good standing are qualified to go on a Advanced Placement Art Studio.

Graphic Design 1 CTE **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
Fee - $25. This class covers the creation and production of graphic design projects, emphasizing layout, typography, creative design process, problem solving, and research. Students will be pushed in the areas of creativity and craftsmanship while expanding their knowledge of the elements and principles of design. Assignments range from individual to collaborate and are built to introduce design thinking, critical discussion and personal decision-making in relation to graphic design and address the ethics of intellectual property laws. Through the study of graphic design and self-expression students will strengthen their foundation as an artist and familiarize themselves with ever-expanding 21st century career skills. Students will learn to Abode Illustrator and Adobe Photoshop.

Graphic Design 2 CTE **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: Graphic Design 1 with a passing grade ***Credit: ½ Unit***
Fee - $25. This course is an introduction to Design as it relates to the individual student and their place in the larger world. Students will learn the basic elements of Design; its purpose, techniques, influences and its connection to past and current culture. Students will also learn visual literacy and critical thinking applied to a variety of art mediums including basic computer design. Projects will focus on product design, animation and illustration. Students will be challenged to push themselves in areas of research, creativity and craftsmanship. Through the study of both graphic design and self-expression, students will strengthen their foundation as an artist and familiarize themselves with the ever-expanding skills necessary in today's complex culture.

Graphic Design 3 CTE **Grades: 10-12** ***Course Length: 1 Semester***
Prerequisite: Graphic Design 1 & 2 with a passing grade ***Credit: ½ Unit***
Fee - $25. This course is a continuation of the exploration of Graphic Design as it relates to the students, and how they can interact with and shape the world around them. Students will continue utilizing the Elements and Principles of design in order to further their conceptual art and ideas. Students will use visual literacy and critical thinking skills to utilize their developed design skills to work on more project and theme based assignments. Students will also begin to learn about marketing design and how their projects and ideas can translate to practical use in their community and outside.

Advanced Graphic Design CTE **Grades: 10-12** ***Course Length: 1 Year***
Prerequisite: Graphic Design 1, 2, & 3 with a passing grade ***Credit: 1 Unit***
Fee - $25. Graphic Design 4 will focus on students using their skills gained in the past three Graphic Design courses in real work applications. Students will use what they have learned over the past three courses to explore how advertising, Art, and Marketing can be used together to create a product or identify for different clients they could have as a Graphic Designer. Projects will focus on designing practical items for everyday use as well as researching programs or companies. Finally, they will learn how to build an official web page so they may increase their web presence and begin practicing creating different products for clients.

Beginning 3D Art (Ceramics & Sculpture 1) **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: None ***Credit: ½ Unit***
Fee - $25. Students explore a variety of three-dimensional sculptural and ceramic processes. They learn fundamental sculpting techniques including additive, subtractive and modeled techniques, which will be used to take two-dimensional ideas into the three-dimensional world. A variety of materials will be explored. Students learn traditional hand-building

ceramic skills, which will be used to create more functional three-dimensional pieces in clay. This course is designed to give students a strong background in problem solving, creative and critical thinking which can be applied to their art work. A study of artists and other cultures in included in most units.

Intermediate 3D Art (Ceramics & Sculpture 2) **Grades: 9-12** ***Course Length: 1 Semester***
Prerequisite: Beginning 3D Art with a passing grade ***Credit: ½ Unit***
Fee - $25. This course is a continuation of Ceramics & Sculpture 1. Students continue exploring the various building techniques used in the sculptural and ceramic process, and even combining the two to discover the possibilities of functional and non-functional art works. Elements and Principles of Art and Design are focused on, together with the design process. Students use a broad range of sculptural materials and learn to throw on the potter's wheel. A further development of problem solving and critical thinking allow students to take ideas from a sketch to a three-dimensional piece of work. Critiques of student work as well as studies and other cultures are included.

Advanced 3D Art (Ceramics & Sculpture 3) **Grades: 10-12** ***Course Length: 1 Semester***
Prerequisite: Intermediate 3D Art with a passing grade ***Credit: ½ Unit***
Fee - $25. This course is for advanced student interested in developing a portfolio of work in their chosen area, ceramics or sculpture. Students will work more independently but with guidance from the instructor on expanding skills. More emphasis will be placed on visual concepts, experimentation and continued personal artistic expression. Students who complete this class in good standing will then be qualified to go on to Advanced Placement Studio art if desired.

AP Studio Art Drawing** **Grades: 11-12** ***Course Length: 1 Year
Prerequisite: Drawing & Painting 3 ***Credit: 1 Unit***
Fee - $25. This course is a part of the National College Board AP Program for students seeking college art credit, a creative challenge, and/or serious art students. During the first semester, a breadth of visual problems will be explored. During second semester, students will develop their own visual language and voice for the Concentration part of the portfolio. At the end of the year, students are required to submit a substantial portfolio of artwork in Drawing; which can include drawing, painting, printmaking, and mixed media. The Drawing portfolio is intended to address a wide range of approaches and media focused on mark making, arrangements of the marks, and materials used to make the marks. Students will work simultaneously in class and outside of class to complete their requirements as well as participate in art shows, field trips, and critiques.

AP Studio Art 2D** **Grades: 11-12** ***Course Length: 1 Year
Prerequisite: Photography 3 OR Graphic Design 3 ***Credit: 1 Unit***
Fee - $25. This course is a part of the National College Board AP Program for students seeking college art credit, and are prepared to work at the highest required level in artistic production. During first semester, a breadth of visual problems will be explored. During second semester, students will develop their own visual language and voice for the concentration part of the portfolio. At the end of the year students are required to submit a portfolio of 24 pieces of art in one of these areas: Drawing or 2-D Design. Students who have taken Computer Art/Photography and/or Design are welcome, with the signature of their teacher. Students will work simultaneously in class and outside of class to complete their requirements as well as participate in art shows, field trips, ad critiques. An orientation session will be held at the end of the school year prior to taking this class all pre-enrolled students. If you wish to participate in the AP Portfolio Exam there will be an additional cost determination by the National College Board.

AP Studio Art 3D** **Grades: 11-12** ***Course Length: 1 Year
Prerequisite: Advanced 3-D Art ***Credit: 1 Unit***
Fee - $25. This course is a part of the National College Board AP Program for students seeking college art credit, a creative challenge, and/or serious art students. During first semester, a breadth of visual problems will be explored. During second semester, students will develop their own visual language and voice for the Concentration part of the portfolio. At the end of the year students are required to submit a substantial portfolio of artworks in 3-D Design. Artworks completed prior to the class my apply if the student has achieved a proficient or advanced level in manipulative skills and concepts. Students will work simultaneously in class and outside of class to complete their requirements as well as participate in art shows, field trips, and critiques. An orientation session will be held at the end of the school year prior to taking this class for all pre-enrolled students.

SPECIAL PROGRAMS & SUPPORT CLASSES

**Courses with weighted grades*

Opportunities for leadership and college preparation are offered through special courses offered to students at Prairie and Overland. These courses allow students to explore positions of leadership, community and school-based projects, and skills required for success at the secondary and collegiate level.

OTIP (Overland's Targeted Intervention Program) **Grades: 10-12** ***Course Length:1 Semester***
Prerequisite: Dean or Teacher Recommendation ***Credit: ½ Unit***
OTIP is a one-semester class for sophomores and juniors designed to provide student support in three areas: Academic Tutorials (students provided with time and assistance to complete homework assignments and study for tests), Study Skills (students learn important skills to improve academic success such as organizational tips, note-taking, and test-taking strategies), and Engagement (students work with OTIP teachers to achieve success both in and out of the classroom). Students do not sign up for OTIP during registration. ***Counselor signature required.***

AVID 9, 10, & 11 **Grades: 9-11** ***Course Length:1 Year***
(Advancement via Individual Determination) ***Credit: 1 Unit***
Prerequisite: Application & Instructor Approval
This four-year course is designed to support students with GPA's ranging from 2.5 to 3.5, who have not had previous success in CP accelerated, or AP classes, but seek the college preparatory experience these challenging courses offer. AVID provides academic instruction and support to students, prepares them for eligibility to four-year colleges and universities, gives students college-level skills, increases their coping skills, and further motivates program participants to seek out areas of interest, appropriate colleges, and resulting careers. Participants in the AVID program will visit a variety of universities in Colorado and will learn about various careers through guest speakers and job shadowing. This program is for college-bound students and requires participation throughout high school.

Advisory **Grades: 9-12** ***Course Length:1 Year***
Prerequisite: None ***Credit: ½ Unit***
Advisory is an opportunity to create space and time within the school environment to allow students and staff to build caring, stable, trusting relationships that support the social-emotional and academic growth of students.

Student Assistant **Grades: 9-12** ***Course Length:1 Semester***
Prerequisite: Instructor Approval Required ***Credit: ½ Unit***
This course is designed for students expressing a desire in assisting a particular teacher or office with clerical and other tasks as needed. This course is to be selected only in addition to the six required classes. This course is considered an "extra" class for students.

Freshman Seminar (1st Semester) **Grades: 9** ***Course Length:1 Semester***
Prerequisite: Counselor Approval Required ***Credit: ½ Unit***
This course supports 9th-graders in their transition from middle school into high school and academically supports their coursework in AP Geography. ***Must be taking AP Human Geography concurrently.***

Freshman Seminar (2nd Semester) **Grades: 9** ***Course Length:1 Semester***
Prerequisite: Counselor or Administrative Approval Required ***Credit: ½ Unit***
This course continues to support 9th-graders in their transition from middle school into high school during the second semester of their freshman year in math and English.

Computer Academy (PLATO) **Grades: 11-12** ***Course Length:1 Semester***
Prerequisite: Counselor Approval Required ***Credit: Determined by classroom performance***
Students enrolled in Computer Academy will participate in a web-based program called Edmentum. Students will have the opportunity to recover credits towards graduation that they have previously failed in the traditional education setting. The maximum number of credits any student may earn through Computer Academy is two credits or a max of 4 courses

Computer Academy (PLATO) **Grades: 11-12** ***Course Length:1 Semester***
Prerequisite: Counselor Approval Required ***Credit: Determined by classroom performance***
Students enrolled in Computer Academy will participate in a web-based program called Edmentum. Students will have the opportunity to recover credits towards graduation that they have previously failed in the traditional education setting. The maximum number of credits any student may earn through Computer Academy is two credits or a max of 4 courses. This course exists outside of normal school hours. Students are expected to complete the course work on their own time. Alternative Instruction - Supplemental Online

Peer Leadership **Grades: 11-12** ***Course Length:1 Semester***
Prerequisite: Teacher Recommendation ***Credit: 3 units****
This course is designed to develop and enhance the leadership potential in OHS students targeting leaders from different groups (i.e. Athletics, Student Council, Gifted and Talented, Performing Arts, etc.). Students learn the concepts and characteristics of leadership, as well as analyze their own leadership styles. Additionally, students work in groups on community/school-based projects to enhance the overall atmosphere of our school and the surrounding community. For student council members this would provide a chance for officers and sponsors to work together during the school day on leadership skills and the organization of activities. Finally, the concepts of safety, trust, attitude, assets, respect, and sportsmanship will be addressed.

Executive Internship Program (1st Semester) **Grades: 11-12** ***Course Length:1 Semester***
Prerequisite: Application & Interview Required ***Credit: 3 Units***
*****3 units of credits are to include 1/2 English & 1/2 Soc. Studies credits*****
Students who are interested in an in-depth exposure to a career or profession should consider application. Students spend a full semester with an executive in business, government, or the professions. Internships are available to match most career plans. The intern spends a minimum of 28 hours per week in the organization completing work assignments, attending meetings, and developing special projects for the sponsor. In addition, interns participate in weekly seminars to share and generalize their experiences. Interns may be able to participate in a first hour class or an extra-curricular activity at Overland, but the internship is demanding, and most commitments should be planned for other semesters. Interns keep daily journals, achieve and maintain high performance, and develop a semester project. *Alternative Instruction – Work-Based Learning*

Executive Internship Program (2nd Semester) **Grades: 11-12** ***Course Length:1 Semester***
Prerequisite: Application & Interview Required ***Credit: 3 Units***
*****3 units of credits are to include 1/2 English & 1/2 Soc. Studies credits*****
Students who are interested in an in-depth exposure to a career or profession should consider application. Students spend a full semester with an executive in business, government, or the professions. Internships are available to match most career plans. The intern spends a minimum of 28 hours per week in the organization completing work assignments, attending meetings, and developing special projects for the sponsor. In addition, interns participate in weekly seminars to share and generalize their experiences. Interns may be able to participate in a first hour class or an extra-curricular activity at Overland, but the internship is demanding, and most commitments should be planned for other semesters. Interns keep daily journals, achieve and maintain high performance, and develop a semester project. *Alternative Instruction – Work-Based Learning*

AVID 12 (Advancement via Individual Determination) **Grades: 12** ***Course Length:1 Year***
Prerequisite: Enrollment in AVID 11 & Instructor Approval ***Credit: 1 Unit***
AVID 12 focuses on the college admission process, applications, and preparing essays, etc. Must be in AVID 11 prior to AVID 12. There is no application process.

Peer Ambassadors **Grades: 10-12** ***Course Length:1 Year***
Prerequisite: Proficient in Math & English, Counselor Approval ***Credit: 1 Unit***
Peer Ambassadors are tutoring to help 9th-grade students in math or English. Tutors will be current 10th, 11th, and 12th graders who will train to be peer tutors. This section is a full period class for Peer Ambassadors to be a mentor and a tutor for the freshman class and as support for our freshman transition program, 101.

Blazer 101 **Grades: 9** ***Course Length:1 Quarter***

Prerequisite: None ***Credit: ¼ Unit***

This course is the Freshman transition program! Students in this class will work on transitioning as a student from the middle years into high school. Students spend time understanding the new academic environment of a high school and learning how to navigate their high school career. Peer Ambassadors work with Freshmen in this program as mentors who also support their academics.

Blazer Academy **Grades: 9** ***Course Length:1 Semester***

Prerequisite: Counselor Recommendation ***Credit: ½ Unit***

This course will be taken concurrently with an English or Math class as a support for 9th and 10th grade students who struggle with the curriculum and pace and may have gaps in previous content knowledge. This is a semester class, but can be taken all year if continued support is needed.

Work Study **Grades: 11-12** ***Course Length: 1 Year***

Prerequisite: Counselor Approval/ Application ***Credit: 2.0 Units***

Overland's Work Study Program is designed for students to continue to earn credits toward graduation per Counselor approval and determination of need. Work Study students who are given the opportunity to earn up to 1.0 elective credit each semester through this class are expected to fulfill the terms of the Wwork Study Contract which includes, but is not limited to: communication between work environment and school, verification of employment, contract hours and an evaluation by the employer of work related skills and expectations. Students are required to provide documentations of employment each semester to the Work Study coordinator. Students can only ever earn up to 2.0 credits of Work Study and can do so within the last 4 semesters of high school. *Alternative Instruction – Work-Based Learning*

Sources of Strength **Grades: 9-12** ***Course Length:1 Year***

Prerequisite: None ***Credit: 1 Unit***

Sources of Strength is a wellness program designed to help youth identify and strengthen protective factors in their lives and leverage their voice to help create positive change in their school. Sources of Strength is a diverse evidence-based, peer-led program designed to facilitate positive culture and community for our Overland students. Students in this class will be formally trained through a strengths-based model for suicide, violence, bullying, and substance abuse prevention. Students will design school wide campaigns aimed at supporting individual and all- school positive resiliency. Students are supported by a team of adult advisors in order to facilitate maximum success in their work. Lessons will be created for Advisory with the message of hope, help, and strength in order to allow all students access to their campaign work at Overland High School.

New Student Academy **Grades: 9-12** ***Course Length: N/A***

Prerequisite: New Student to Overland ***Credit: N/A***

Temporary course placement for students new to the Overland community. Students complete all intake processes and assessments while also building their schedule and ensuring they have an understanding of Overland's policies and procedures.

Peer Mentorship **Grades: 9-12** ***Course Length: 1 Semester***

Prerequisite: None ***Credit: ½ Unit***

This course allows typically developing students to mentor students who have moderate to significant disabilities in the life skills (Special Education) and/or an elective classroom. While assisting students, peer facilitators will learn how to engage with learners of all abilities, a variety of different methods of communication and teaching/learning styles, and how to respond to challenging behaviors. Candidates should have the desire to interact with and provide a positive role model for a wide variety of students with learning and emotional needs.

Independent Study **Grades: 10-12** ***Course Length: Course Dependent***

Prerequisite: None ***Credit: Course Dependent***

A student wishing to pursue a course of study not available in the regular curriculum must see a counselor for specific information. A contract must be signed with a syllabus detailing course materials and timelines.



Dear Students and Parents/Guardians,

The administrative team at Overland High School would like to thank you for your continued support in providing innovative and educational opportunities to our school and beyond. We remain committed to the academic excellence and empowerment of our Trailblazers. Whether you are a new or established member of our community, we look forward to another great school year in which we can celebrate your accomplishments. It's a great day to be a Blazer!

Thank you!

Sincerely,
The Administrative Team

Estimados estudiantes y padres/tutores,

El equipo administrativo de la Escuela Secundaria Overland desea agradecerle su apoyo para brindar oportunidades innovadoras y educativas a nuestra escuela. Seguimos comprometidos con la excelencia académica y el empoderamiento de nuestros Trailblazers. Ya sea que sea un miembro nuevo o establecido de nuestra comunidad, esperamos otro gran año escolar en el que podamos celebrar sus logros. ¡Es un gran día para ser un Blazer!

Muchas gracias!

Sinceramente,
El Equipo Administrativo

أعزائي الطلاب و/ أولياء الأمور ،
يود الفريق الإداري في مدرسة أوفرلاند الثانوية أن يشكرك على دعمك المستمر في توفير فرص مبتكرة وتعليمية لمدرستنا وخارجها. نبقى ملتزمين بالتميز الأكاديمي وتمكين الطلبة ان يكونوا روادنا في المجتمع، فإننا نتطلع إلى عام دراسي رائع في السنة المقبلة.
إنه يوم رائع أن تكون بليزر!

شكرًا لك

,بإخلاص
الفريق الاداري

CHERRY CREEK PATHWAYS AT OVERLAND

2026 - 2027



COURSE CATALOG

WHY PATHWAYS AT OVERLAND?

- Authentic Industry Projects
- Concurrent and Dual Enrollment College Credits
- Industry Recognized Credentials
- Extracurricular Opportunities

EXPLORE PATHWAYS:

Pathways at Overland provides an opportunity for students to enroll in career and technical education courses across the following pathways:

- Healthcare Foundations
- Medical Assisting
- Patient Care Tech
- Pre-Law & Judicial Process
- Public Safety & Constitutional Law

APPLICATION OPENS:

January 6, 2026 -February 13, 2026

FOR MORE INFORMATION

720-747-3400 pathwaysatoverland@cherrycreekschools.org

CHERRY CREEK
INNOVATION CAMPUS



2026 - 2027 COURSE CATALOG

CLICK HERE

Course Catalog

WHY CHOOSE CCIC?

- Authentic Hands-on Industry Projects
- Concurrent and Dual Enrollment College Credits
- Industry Recognized Credentials
- Extracurricular Opportunities

EXPLORE CCIC:

The Cherry Creek Innovation Campus provides an opportunity for students to enroll in career and technical education courses across the following pathways:

- Aerospace Manufacturing
- Aerospace Technician - **NEW**
- Artificial Intelligence (AI)
- Automation, Robotics & Mechatronics (ARM) - **NEW**
- Automotive Service Technician
- Aviation Flight
- Aviation Maintenance
- Baking & Pastry - **NEW**
- Behavioral Health Tech
- Certified Nurse Aide
- Construction
- Culinary
- Cybersecurity
- Emergency Medical Technician (EMT) - **NEW**
- Entrepreneurship
- Film - **NEW**
- Hospitality Management
- HVAC - **NEW**
- Motion Design - **NEW**
- OT/PT
- Pharmacy Technician
- Project Management
- Resort & Event Management
- Veterinary Assistant - **NEW**
- Welding - **NEW**

APPLY

January 6, 2026 - February 13, 2026

FOR MORE INFORMATION

720-554-2600

www.ccic.cherrycreekschools.org

8000 S. Chambers Rd.,
Centennial, CO 80112

The below CTE Districtwide courses are available to all Cherry Creek School District students and take place at various locations. The registration process for CTE Districtwide courses vary. Please see the course descriptions for more information.

Scan Me

Cosmetology

Cosmetology I

Grade: 11, 12
Concurrent/Dual Enrollment: Multiple opportunities available
Location: Colorado's Finest High School of Choice in Englewood

Year: 6.0 credit
Prerequisite: N/A
Course Type: Alternative Instruction/Work-Based Learning

Estimated Course Fees: $650 and cost of uniform scrubs (increased fee TBD Jan. 2026)

This course takes place at Colorado's Finest High School of Choice in Englewood. Students are responsible for their own transportation. The Cosmetology program is a robust program that will prepare you to provide beauty services such as shampooing, cutting, coloring, styling, facials, manicures and pedicures. To be considered for this program, you must attend a parent meeting and orientation, as well as be on track to graduate in terms of credit hours. After applying, you will be contacted with more information. Multiple Concurrent Enrollment opportunities are available in this course. More information will be provided by the instructor. Course begins approximately August 13, 2026. The $650+ course fee includes cosmetology kit (used 1st and 2nd year; student keeps at completion of program), and consumables. Students will be responsible for purchasing uniform scrubs for the program. Anticipated session times: Option 1: Monday - Friday Morning Session (7:30 - 11:30am) OR Option 2: Monday - Friday Afternoon Session (12:00 - 4:00pm).

**Summer session runs during the month of June and is required in order to enroll in Cosmetology II. Dates are to be determined, Monday - Thursday from 7:30am - 5:30pm.

To register for this course, scan the QR Code at the top of the page or visit www.cherrycreekschools.org/Page/11161 and click on the link for the CCIC Application.

Cosmetology II

Grade: 12
Concurrent/Dual Enrollment: Multiple opportunities available
Location: Colorado's Finest High School of Choice in Englewood

Year: 6.0 credit
Prerequisite: Successful completion of Cosmetology I & Summer Session
Course Type: Alternative Instruction/Work-Based Learning

Estimated Course Fees: $75 and cost of uniform scrubs

This course takes place at Colorado's Finest High School of Choice in Englewood. Students are responsible for their own transportation. Cosmetology II is a certificate program requiring 1,500 hours which equals 50 credits in cosmetology, hairstyling, nail technology and esthetics. Students will learn theory, practice in hair care, cuts, color, perms, styling, nail technology and skin care. Students are prepared for supervised clinical practice and entry-level jobs in the cosmetology field. Students also explore career pathways, post-secondary options and career research techniques such as application preparation, resume/letter writing, and interviewing process. This program prepares students to pass the state-licensing exam given by the Department of Regulatory Agencies Office of Barber and Cosmetology (DORA). Multiple Concurrent Enrollment opportunities are available in this course. More information will be provided by the instructor. Course begins August 13, 2026. The $75 course fee (will increase in Jan.'26) includes consumables. Students will be responsible for purchasing uniform scrubs for the program. Anticipated session times: Option 1: Monday - Friday Morning Session (7:30 - 11:30am) OR Option 2: Monday - Friday Afternoon Session (12:00 -4:00pm). Cosmetology 2 students finishing in May will have the opportunity to take the Barbering crossover class in June 2026 (class days will be 6/1-6/4, 6/8-6/11, and 6/15).

To register for this course, scan the QR Code at the top of the page or visit www.cherrycreekschools.org/Page/11161 and click on the link for the CCIC Application.

Esthetics

Grade: 12
Concurrent/Dual Enrollment: Multiple opportunities available
Location: Colorado's Finest High School of Choice in Englewood

Year: 5.0 credit
Prerequisite: N/A
Course Type: Alternative Instruction/Work-Based Learning

Estimated Course Fees: $350 and cost of uniform scrubs (will increase Jan.'26)

This course takes place at Colorado's Finest High School of Choice in Englewood. Students are responsible for their own transportation. Estheticians, also called skin-care specialists, strive to make their clients look and feel younger and more attractive. They cleanse and beautify skin with facials and full-body treatments, apply makeup, remove facial or body hair with hot wax, give head and neck massages and may, with special training, perform microdermabrasion to remove imperfections and signs of age. Students are required to sell skin care products like those who run their own shops as entrepreneurs, involved in all phases of business management and marketing. To be considered for this program, you must attend a parent meeting and orientation, as well as be on track to graduate in terms of credit hours. After applying, you will be contacted with more information. Multiple Concurrent Enrollment opportunities are available in this course. More information will be provided by the instructor. Course begins approximately August 13, 2026. The $350+ course fee includes: esthetics kit (student keeps at completion of program) and consumables. Students will be responsible for purchasing uniform scrubs for the program. Anticipated session time is Monday-Friday, either at 7:30 - 11am or 12 - 3:30PM and will be determined by May.

To register for this course, scan the QR Code at the top of the page or visit www.cherrycreekschools.org/Page/11161 and click on the link for the CCIC Application.

Work-Based Learning

The Cherry Creek School District Work-Based Learning program isdesignedtoconnectstudents with career pathways of interest by partnering with businesses in the community. Through these experiences, students will have the opportunity to explore career pathways and develop career readiness skills.

Career and Technical Education (CTE) Internship

Grade: 11, 12
Concurrent/Dual Enrollment: N/A
Location: Based on Internship

Semester: 1.0
Length: 100 Internship hours during Fall, Spring or Summer Semester
Course Type: Alternative Instruction/Work-Based Learning

Estimated Course Fee: Summer School Fees Only

The CTE Internship program will provide an opportunity for selected students to have experience in a career field that they would like to pursue after graduation. An internship is a form of firsthand learning that integrates knowledge and theory learned in the CTE classroom with practical application and skill development in a professional setting. This work/learning arrangement is overseen by the Work-Based Learning Instructor for CCSD. Within the internship, students can expect to do various work assignments, attend meetings, and complete projects. Professional success also depends on the level of student's maturity, responsibility and reliability. Internships can be paid or unpaid depending on the sponsoring company. Transportation is the responsibility of the student. This program is selective. To apply, the student must have taken a CTE course in the pathway they are pursuing. Students must apply and interview and be selected for an available CTE Internship. The student will then be enrolled in the course.

Applications for CTE Internship will be open during the second semester. Information on unique applications for each job will be available on the Cherry Creek School District Work-Based Learning page: https://www.cherrycreekschools.org/domain/6101; (or scan the QR code above). After applying, the Work-Based Learning team will follow up with next steps.

Apprenticeship - Year 1

Grade: 11, 12
Concurrent/Dual Enrollment: N/A
Location: Based on Apprenticeship

Year: 2.0 credit
Length: 12-16 hours per week
Course Type: Alternative Instruction/Work-Based Learning

Estimated Course Fee: N/A

Through CCSD Apprenticeships, students earn a wage while receiving hands-on work experience where they can apply their high school CTE classroom learning each week. All apprenticeships take place during part of the school day while also taking courses needed for graduation. An apprenticeship lasts between 2-to-3 years to ensure that students have the experience to either enter the workforce upon completion and pursue relevant higher education if necessary to meet their career goals. All CCSD Apprenticeships begin during junior or senior year and span 1-to-2 years after graduation. This course is for first year apprentices who are hired into a CCSD Apprenticeship during their junior or senior year. Cherry Creek School District works collaboratively with industry partners each year to bring in new apprenticeship opportunities in CTE Pathways. In addition to the onsite apprenticeship, students will be responsible for attending seminars and completing weekly online activities throughout the duration of their apprenticeship. Eligibility depends on the application and interview process, in accordance with the student's maturity, reliability, commitment, and graduation status. Transportation is the responsibility of the student (free monthly RTD passes are available). This program is selective. Additional application materials and an interview are required.

Applications for CCSD Apprenticeship opportunities will be open during the second semester. Information on unique applications for each job will be available on the Cherry Creek School District Work-Based Learning page: https://www.cherrycreekschools.org/domain/6101 (or scan the QR code above).
After applying, the Work-Based Learning team will follow up with next steps.

Apprenticeship - Year 2

Grade: 11, 12
Concurrent/Dual Enrollment: N/A
Location: Based on Apprenticeship

Year: 3.0 credit
Length: 16-20 hours per week
Course Type: Alternative Instruction/Work-Based Learning

Estimated Course Fee: N/A

This course is for Apprentices as they continue the second year of their CCSD Apprenticeship. Current CCSD Apprentices will be given specific instructions from the Work-Based Learning team to register for this course.

Future Educator Pathway

The Future Educator Pathway is a CTE Pathway that includes innovation, concurrent enrollment coursework, and an apprenticeship in a CCSD elementary school. Community College of Aurora (CCA) concurrent enrollment coursework counts directly towards a post-secondary teaching degree. Courses follow the hybrid model combining asynchronous and synchronous learning. For additional Future Educator Apprenticeship information, please see "Future Educator Apprenticeship" under the "Work-based Learning" section in the CTE District wide Course Guide. For more information about this program, please check the Cherry Creek Schools CTE website for schedules and links to upcoming informational sessions at www.cherrycreekschools.org/cte.

Future Educator - Year 1

Students will select "Future Educator - Year 1" in the CTE/CCIC Application and be automatically enrolled in the following courses:

Grade 11, 12
Estimated Course Fee: may be applicable
Concurrent Enrollment: 10 hours total
Location: Hybrid + Based on Apprenticeship
Length: 16-20 hours per week

Year: 4.0 credits (App. 1=1 credit per sem)
(CE courses .5 per sem)
Prerequisite: N/A
Course Type: Alternative Instruction - WBL

Apprenticeship - Year 1

This course is for Apprentices in their first year of their CCSD FEP Apprenticeship, and must be taken concurrently with the following CE courses:

EDU 2088 - Practicum II

Provides students with the opportunity to supplement coursework with practical work experience related to their educational program. Students work under the immediate supervision of experienced personnel at the education facility and with the direct guidance of the instructor.

EDU 2211 - Intro to Education

Focuses on the historical, social, political, philosophical, cultural, and economic forces that shape the United States public school system. This course includes current issues of education reform, technology as it relates to education, and considerations related to becoming a teacher in the state of Colorado. The course addresses the educational theory and practices from Early Childhood Education (ECE) through secondary education.

COM 1250 - Interpersonal Communications

Combines the basic theories of communication with public speech performance skills. Emphasis is on speech preparation, organization, support, audience analysis, and delivery.

EDU 2611 - Teaching, Learning & Technology

Explores integration of technology instruction into teaching practices used in preschool through postsecondary (P-21) educational settings for all curriculum areas of content. This course reviews a variety of technologies with an emphasis on increasing student learning and retention of knowledge. The course also explores combining technology with several instructional methodologies to promote professional teacher dispositions related to technology-rich teaching.

FutureEducator - Year 2

Students who have successfully completed FUture Educator - Year 1 courses, will select "Future Educator - Year 2" in the CTE/CCIC Application and be automatically enrolled in the following courses:

Grade 11, 12
Estimated Course Fee: may be applicable
Concurrent Enrollment: 10 hours total
Location: Hybrid + Based on Apprenticeship
Length: 16-20 hours per week

Year: 4.0 credits (App. 1=1 credit per sem)
(CE courses .5 per sem)
Prerequisite: N/A
Course Type: Alternative Instruction - WBL

A**pprenticeship - Year 2**

This course is for Apprentices in their second year of their CCSD FEP Apprenticeship, and must be taken concurrently with the following CE courses:

SCI 1055 - Integrated Science I w/Lab

Examines the nature of energy and matter, their interactions and changes, and the application of fundamental concepts to the study of our natural world. These concepts will be explored in hands-on laboratory experiments. This course integrates the fundamental concepts and ideas about the nature of physics and chemistry with the natural world. This is a statewide Guaranteed Transfer course in the GT-SC1 category. Note: Both semesters of SCI 1055 and SCI 1056 must be completed in order to receive GT credit.

EDU 1551 - Apprenticeship Fostering Well-Being

Explores the principles of well-being, belonging, and inclusion through inquiry-based practices. Topics include inquiry-based pedagogy, inclusive learning environments, bias in the classroom, social and emotional learning (SEL), culturally responsive teaching, and community engagement. The course covers strategies to support the holistic development of all learners and the vital role of collaboration with colleagues, families, and communities. The course includes opportunities for reflection in these areas.

SCI 1056 - Integrated Science II w/ Lab

Examines earth and biological systems, living and non-living environments, through the application of fundamental energy and matter concepts. These systems and concepts will be explored in hands-on laboratory experiments. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

Concurrent & Dual Enrollment

CHERRY CREEK SCHOOL DISTRICT



Successfully complete college classes at your high school and earn high school credit & college credit at the same time!

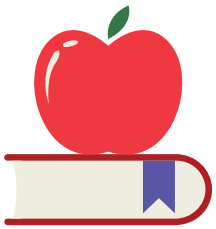
BENEFITS

- Take rigorous coursework to be prepared for the future.
- Reduce the amount of time to complete certifications, associates and bachelors degrees.
- Concurrent Enrollment courses are free which saves money on post secondary degree options. (Family pays a small portion of tuition for Dual Enrollment classes.)
- Many classes are Guaranteed Transfer to in-state 2 year and 4 year colleges. (https://cdhe.colorado.gov/guaranteed-transfer-pathways-general-education-curriculum)
- Starting in 26-27, many CE and DE classes will be weighted.

Examples of Concurrent Enrollment Offerings in CCSD High Schools

English Composition
Intro to Literature
College Algebra
College Trigonometry
College Calculus
Intro to Statistics
Math for Liberal Arts
US History to Reconstruction
US History since Civil War
Intro to Health Care
Comprehensive Medical Terminology
Criminal Justice and Law
Intro to Business

Personal Finance
Accounting Principles
Marketing
Computer Aided Design
Engineering Design
Intro to PC Applications
Theatre
Digital Arts
Automotive Technology
Project Management for Entrepreneurs
Manufacturing Fundamentals
Intro to OT/PT
Entrepreneurship



TREP

Let the State of Colorado pay for the first 2 years of your teaching degree

The **T**eacher **R**ecruitment **E**ducation and **P**reparation (**TREP**) program exists to create opportunities for qualified students, in an **educator career pathway,** to enroll in postsecondary courses for up to two years after the 12th grade year. Students might be interested in teaching, counseling, special education or other education related fields.

Students accepted into the TREP program will have tuition, fees and books paid for two years at participating community colleges/universities as identified by CCSD through the State of Colorado for courses in the educator career pathway. Students take all of their coursework at the college. Be Aware: The State of Colorado is reviewing the program. TREP decisions are usually made by the Colorado Legislature in very late May/early June.

Students accepted into the TREP program remain a CCSD student, as a senior, for two additional academic years. Students will receive their high school diploma upon completion of the TREP program with the graduation date of the year they exit TREP. They graduate "socially" (walk in graduation ceremony with their original graduating class). The State of Colorado caps the number of TREP students each year; those decisions are made in late May/early June each year.

Part time (3-11 credit hours) and full time (12-16 credit hour) options are available.

A STUDENT IS ELIGIBLE TO BE CONSIDERED FOR TREP IF THE STUDENT:

- ☑ **Has taken one applicable concurrent enrollment course during senior year and earned college credit. Plans to pursue postsecondary studies in the field of education. (See QR code below for a list of courses.)**
- ☑ Is college ready, and not in need of developmental education coursework in accordance with the education career pathway in which they enroll.
- ☑ Completes an Individual Career and Academic Plan (ICAP) prior to declaring intent to participate in TREP.
- ☑ Applies to, and is accepted into, a postsecondary program to continue on an approved educator pathway at a Colorado institution of higher education approved by CCSD. (Metro, UNC, ACC, CCA, CCD, RRCC)
- ☑ Applies for FAFSA/CASFA
- ☑ Is entering the TREP program in the year immediately following the student's 4th year of high school.
- ☑ Upon entry to the TREP program, has not been designated a TREP program participant in any prior year (can only participate in TREP for 2 academic years).
- ☑ Is in good academic standing (minimum Grade Point Average of 2.0 in postsecondary coursework) and remains enrolled in an applicable educator pathway in order to participate in year 2 of the TREP program.

Scan to apply February 1 - March 31, 2026
Also scan to see list of required coursework in senior year for eligibility.
www.cherrycreekschools.org/academics/career-and-innovation/concurrent-enrollment/ascent-trep-free-college-tuition-books-and-fees

Updated 11/20/2025

CCSD Work-Based Learning

How does it work? Internships and Apprenticeships provide students 1.0 Elective/Practical Fine Arts credits per semester to experience work-based learning during the school day. Students must apply for opportunities on the Job Board and be selected by a company in order to be placed in a CCSD Internship or Apprenticeship.

CTE Internships

Internships are for exploration.
If you are interested in an industry, this is a great way to shadow and experience a career in real life. Internships are a short-term commitment that can help you decide if a path after high school is really for YOU.

- **Juniors and seniors** who are enrolled or have completed at least 1 related CTE course can apply
- Can be **paid or unpaid**
- **Short-term commitment** (about 100 hours per semester at the internship site)
- Get **real-world exposure** to an industry
- **Shadow** industry professionals
- Can be in the summer, fall, or spring semesters

Internship information in multiple languages

Apprenticeships

Apprenticeships are for students who are committed to a specific career path.
This is an opportunity to gain relevant experience and grow in your field while still in high school. This is a real, long-term, job commitment. Get ahead of your peers by starting work early.

- **Must be 16** years old by the start of apprenticeship to apply
- **Always a paid employee** of company fulfilling a real job position
- **Long-term commitment** (between 2-to-3 years)
- Always **begin working in high school** and stay with company 1-to-2 years after graduation
- **Mentorship** from industry professionals
- Begin in **entry-level** position and gain skills necessary to advance in career
- Company will support obtainment of **certifications** and/or some relevant college credit

Apprenticeship information in multiple languages

Work-based Learning Job Board

On students' my.cherrycreek
https://cherrycreekschools.my.site.com/student/s/wbl-jobboard

11/25/2025