Douglas County School District
Learn Today, Lead Tomorrow

2026-2027 Guide to
Career and Technical Education, Concurrent Enrollment,
and Other Programs

BRIDGE PROGRAM
Douglas County School District

VALE

Postsecondary Readiness
Pathways to Success
Douglas County School District

ROCK CANYON JAGUARS

PCA

eDCSD ONLINE

LEGACY CAMPUS

CU University of Colorado
Boulder | Colorado Springs | Denver | Anschutz Medical Campus

ACC ARAPAHOE COMMUNITY COLLEGE

METROPOLITAN STATE UNIVERSITY OF DENVER

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A message from Douglas County School District
Superintendent, **Erin Kane**

Welcome to our Postsecondary Readiness Guide. Inside you will find information about all of the Career and Technical Education, Concurrent Enrollment, Work-Based Learning opportunities (and so much more) that the Douglas County School District has to offer to our high school students. Here in DCSD, students can find the post-high school pathway (or pathways) that speak to their passions whether that be college, career, military or other option. We know that no two students are the same and it's so important for every individual to find the pathway or pathways that are right for them. I hope you will take the time to read through the fantastic offerings outlined in this guide. Should you have questions about courses offered, or wish to see some of these classes in person, please reach out to the school to ask questions or request a tour.

We are incredibly thankful to the college and business partners in our community that make it possible for us to save families money on college tuition (DCSD families collectively saved over $10 million in college tuition last year alone!) and for our students to experience real-world and in-demand careers while still in high school. Thank you for being a part of this truly outstanding school district.

A message from Douglas County School District
Executive Director of Schools, **Nikki Ballow**

The Douglas County School District has provided our high school students high-quality educational opportunities in general education and elective programs for 65 years. The commitment has been one of the cornerstones of our District. These excellent opportunities include concurrent enrollment (CE) courses and career and technical education (CTE) where students are able to earn high school and college credit as well as learn and explore skills, knowledge and abilities to be workforce, college, and career ready. We are committed to providing a comprehensive high school experience that provides our students the opportunities to explore their passions and gain a competitive advantage regardless of their plans for the future. In addition, we believe all students should have access to this programming regardless of transportation, enrollment or funding challenges. This document is our effort at sharing all of the opportunities that exist in our District in concurrent enrollment and career and technical education, as well as other programming available to students. We will be constantly updating this information as more programming is added. Please check back on the District website frequently for the most up-to-date information.
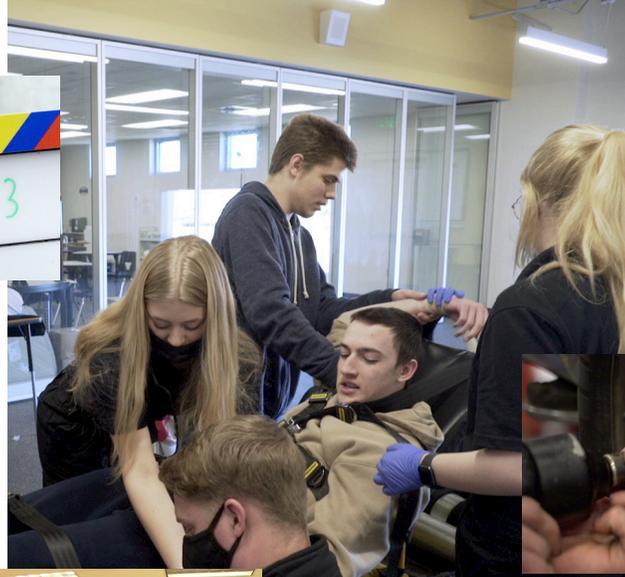
Glossary of Terms

Postsecondary Readiness

Guiding students through discovery, exploration, and skill development to find a purpose and determine the best path for the future. Postsecondary Readiness programming offers pathways to careers, college, military service, and continued education or training.

Career and Technical Education

Career and Technical Education is a state designation for rigorous academic programs that offer a clear program of study under a qualified, credentialed teacher integrating real world learning to prepare students for high-skill, high-wage, in-demand career fields. CTE programs offer students opportunities to apply learning, develop leadership, and enhance employability skills through Career and Technical Student Organizations (CTSOs); industry-recognized certifications, and access to work-based learning experiences.

Concurrent Enrollment

Concurrent enrollment provides high school students with the opportunity to enroll in postsecondary (college-level) courses and earn both high school and college credits with no tuition costs (excluding course fees and materials). Depending on availability and in accordance with District policy, students may apply to take concurrent enrollment classes in their high school or on a college campus. Concurrent enrollment also includes postsecondary Career and Technical Education (CTE) courses, enabling students to earn credit that can be applied towards an industry certification.

Concurrent enrollment courses are taught at each comprehensive high school by Douglas County School District teachers who have been approved as adjunct professors by an accredited institution of higher learning.

"ASCENT" Legislation

Accelerating students through Concurrent Enrollment (ASCENT) is a fifth-year high school program that allows students to participate in concurrent enrollment following their senior year. Qualified students who have completed at least 9 credit hours of postsecondary coursework prior to completion of their senior year may be eligible for the ASCENT Program. In essence, the ASCENT program offers eligible students the opportunity to attend classes at a Colorado community college, tuition free. We believe demand for concurrent enrollment opportunities will increase in our school district and across Colorado, and DCSD wants to be ready.

Pathways

Pathways demonstrate a connection between learning progressions, advanced course options, instruction that supports skill development, stackable credentials, and work-based learning experiences to prepare students for training, education, military service, and/or advancement in a career field. Pathway programs offer DCSD students opportunities to explore, engage, and excel in learning that prepares them for success in the real world.
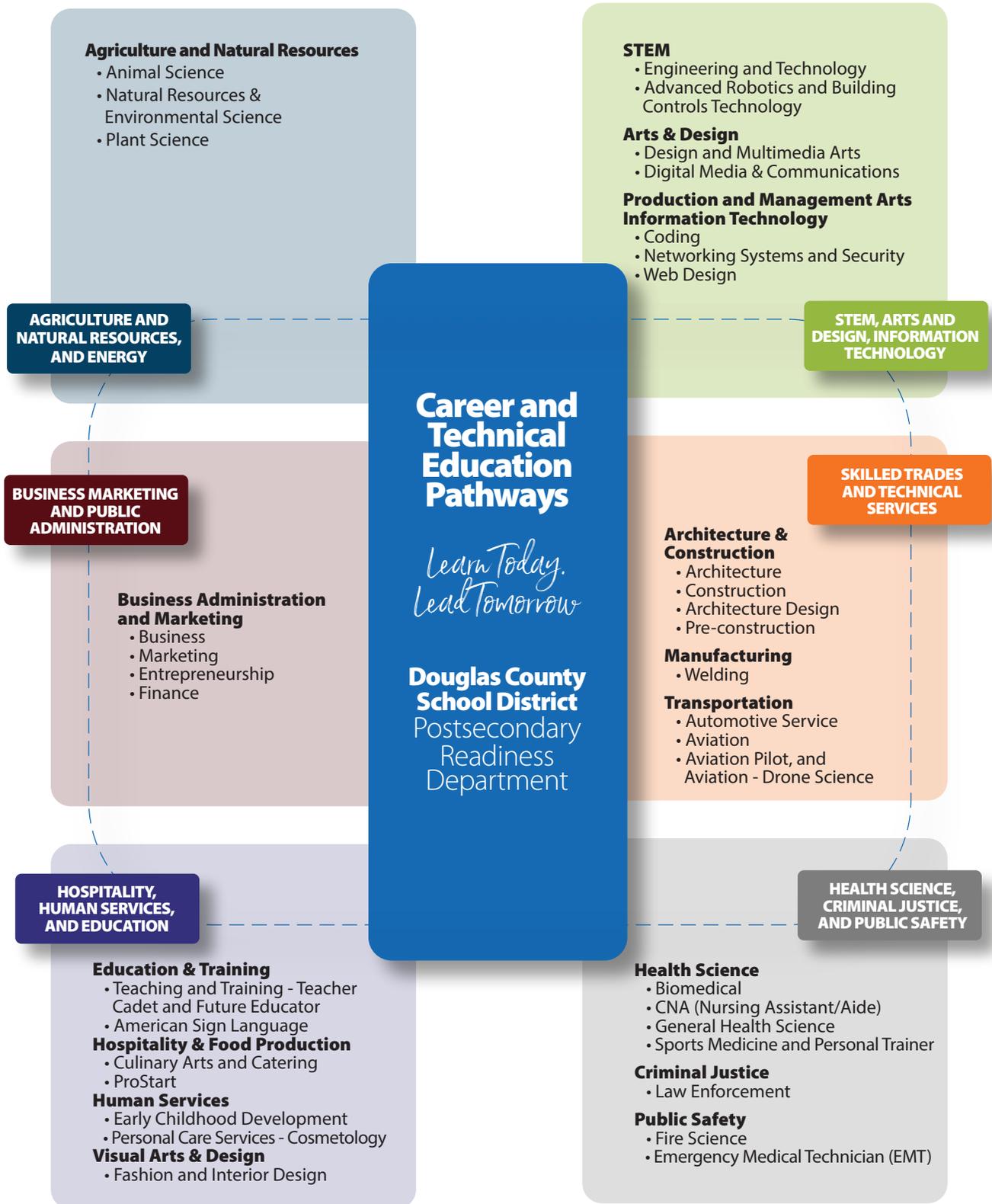
Work-Based Learning

Work-based learning encompasses a continuum of experiences that move students from Learning About Work to Learning through Work to Learning At Work. These experiences, a vital part of every CTE program, support students in making informed choices about a future career pathway and enhance career readiness skills. Options include internships, industry-sponsored projects, pre-apprenticeships, credit-for-work, clinical experiences, and more.

Dual Enrollment

Dual enrollment includes courses or programs that offer students college-level credit outside of the Concurrent Enrollment Programs Act. This option differs from Concurrent Enrollment (CE) in definition, funding model, and often postsecondary provider type with most offered by four-year institutions. Dual enrollment courses are not required to transfer, plus students and their families may be required to pay for courses.

Agriculture and Natural Resources
- Animal Science
- Natural Resources & Environmental Science
- Plant Science

STEM
- Engineering and Technology
- Advanced Robotics and Building Controls Technology

Arts & Design
- Design and Multimedia Arts
- Digital Media & Communications

Production and Management Arts Information Technology
- Coding
- Networking Systems and Security
- Web Design

AGRICULTURE AND NATURAL RESOURCES, AND ENERGY

STEM, ARTS AND DESIGN, INFORMATION TECHNOLOGY

Career and Technical Education Pathways

Learn Today. Lead Tomorrow

Douglas County School District
Postsecondary Readiness Department

BUSINESS MARKETING AND PUBLIC ADMINISTRATION

Business Administration and Marketing
- Business
- Marketing
- Entrepreneurship
- Finance

SKILLED TRADES AND TECHNICAL SERVICES

Architecture & Construction
- Architecture
- Construction
- Architecture Design
- Pre-construction

Manufacturing
- Welding

Transportation
- Automotive Service
- Aviation
- Aviation Pilot, and Aviation - Drone Science

HOSPITALITY, HUMAN SERVICES, AND EDUCATION

Education & Training
- Teaching and Training - Teacher Cadet and Future Educator
- American Sign Language

Hospitality & Food Production
- Culinary Arts and Catering
- ProStart

Human Services
- Early Childhood Development
- Personal Care Services - Cosmetology

Visual Arts & Design
- Fashion and Interior Design

HEALTH SCIENCE, CRIMINAL JUSTICE, AND PUBLIC SAFETY

Health Science
- Biomedical
- CNA (Nursing Assistant/Aide)
- General Health Science
- Sports Medicine and Personal Trainer

Criminal Justice
- Law Enforcement

Public Safety
- Fire Science
- Emergency Medical Technician (EMT)

Douglas County School District
Career and Technical Education Pathways

Career & Technical Education Course	Where Offered
ACE - Cooperative Education	Highlands Ranch High School
Advanced Robotics	Legacy Campus
Advanced Manufacturing *available Fall 2026	Legacy Campus
Agricultural and Natural Resource Management	Douglas County High School
Architectural Engineering (Drafting)	Legacy Campus
Automotive/Vehicle Maintenance	Douglas County High School Ponderosa High School
Aviation / Drone Science	Highlands Ranch High School
Aviation (Pre-pilot concentration)	Legacy Campus
Biotechnology	Rock Canyon High School
Broadcast Journalism	Castle View High School Mountain Vista High School
Building Controls Technology	Legacy Campus
Business and Marketing	Castle View High School Chaparral High School Douglas County High School Highlands Ranch High School Legend High School Mountain Vista High School Ponderosa High School Rock Canyon High School ThunderRidge High School
Coding (Information Technology)	Castle View High School Highlands Ranch High School Legend High School Mountain Vista High School
Construction	Douglas County High School Ponderosa High School ThunderRidge High School Legacy Campus *available Fall 2026
Cosmetology	Highlands Ranch High School
Criminal Justice	Legend High School Rock Canyon High School
Culinary (Prostart)	ThunderRidge High School Legacy Campus Mountain Vista High School
Cybersecurity (Information Technology)	Highlands Ranch High School Mountain Vista High School
Education (Family and Consumer Sciences)	Chaparral High School Douglas County High School Highlands Ranch High School Mountain Vista High School Ponderosa High School
Electrical	Legacy Campus *available Fall 2026
Electric Vehicle Maintenance & Repair	Legacy Campus *available Fall 2026
EMT/EMS (Emergency Medical Technician/Emergency Medical Services)	Rock Canyon High School Legacy Campus
Filmmaking	Highlands Ranch High School Mountain Vista High School Rock Canyon High School
Future Educator	Legacy Campus
Fire Science	Rock Canyon High School

Career & Technical Education Course	Where Offered
Health Science	Legend High School Mountain Vista High School Legacy Campus
Hospitality and Foods (Family and Consumer Sciences)	Douglas County High School Legacy Campus Mountain Vista High School Ponderosa High School ThunderRidge High School
Heating, Ventilation, and Air Conditioning (HVAC) *available Fall 2026	Legacy Campus
Interior and Fashion Design (Family and Consumer Sciences)	Chaparral High School Douglas County High School Highlands Ranch High School Mountain Vista High School ThunderRidge High School
Multimedia/Filmmaking	Highlands Ranch High School Mountain Vista High School Rock Canyon High School
Multimedia Design	Chaparral High School Legend High School
Multimedia and Photo	Highlands Ranch High School Mountain Vista High School ThunderRidge High School
Network Security (Information Technology)	Castle View High School Legacy Campus
Nursing/CNA (Certified Nurse Assistant)	Legacy Campus
STEM/Engineering	Castle View High School Chaparral High School Highlands Ranch High School *(Project Lead the Way)* Legend High School Mountain Vista High School Ponderosa High School Rock Canyon High School
Theater Tech	Castle View High School Chaparral High School Highlands Ranch High School Mountain Vista High School
Web Design (Information Technology)	Castle View High School Chaparral
Welding	Ponderosa High School ThunderRidge High School
Work-based Learning Experiences Community-based Internships, School-based Internships, Industry-sponsored projects, Supervised Entrepreneurial Experiences, Clinical or Field Experiences, and Pre-apprenticeships. Work-based Learning continuum	Castle View High School Chaparral High School Douglas County High School Highlands Ranch High School Legend High School Mountain Vista High School Ponderosa High School Rock Canyon High School ThunderRidge High School Legacy Campus

Douglas County School District
Advanced Placement Courses

*All classes weighted on a 5.0 scale

Advanced Placement Courses	Where Offered
*AP African American Studies	Highlands Ranch High School
*AP Art History	Highlands Ranch High School
*AP 2-D Art & Design	Castle View High School ThunderRidge High School
*AP 2-D Art & Design: Graphic	Chaparral High School Mountain Vista High School Ponderosa High School Rock Canyon High School ThunderRidge High School
*AP 2-D Art & Design: Photography	Chaparral High School Douglas County High School Highlands Ranch High School Legend High School Mountain Vista High School Ponderosa High School Rock Canyon High School ThunderRidge High School
*AP 3-D Art & Design	Castle View High School
*AP 3-D Art & Design: Ceramics	Chaparral High School Douglas County High School Highlands Ranch High School Legend High School Mountain Vista High School Ponderosa High School ThunderRidge High School
*AP 3-D Art & Design: Jewelry	Chaparral High School Douglas County High School Highlands Ranch High School Legend High School Mountain Vista High School Ponderosa High School
*AP Biology	Castle View High School Chaparral High School Douglas County High School Highlands Ranch High School Legend High School Mountain Vista High School Ponderosa High School Rock Canyon High School ThunderRidge High School
*AP Calculus AB	Castle View High School Chaparral High School Douglas County High School Highlands Ranch High School Legend High School Mountain Vista High School Ponderosa High School Rock Canyon High School ThunderRidge High School
*AP Chemistry	Castle View High School Chaparral High School Douglas County High School Highlands Ranch High School Legend High School Mountain Vista High School Ponderosa High School Rock Canyon High School ThunderRidge High School

*AP Chinese Language/Culture	Chaparral High School Highlands Ranch High School Rock Canyon High School
*AP Comparative Government	Rock Canyon High School
*AP Computer Science A	Castle View High School Chaparral High School Mountain Vista High School Rock Canyon High School ThunderRidge High School
*AP Computer Science Principle	Douglas County High School Highlands Ranch High School Mountain Vista High School Rock Canyon High School ThunderRidge High School
*AP Drawing	Chaparral High School Douglas County High School Highlands Ranch High School Legend High School Mountain Vista High School Ponderosa High School Rock Canyon High School ThunderRidge High School
*AP Environmental Science	Castle View High School Chaparral High School Douglas County High School Highlands Ranch High School Legend High School Mountain Vista High School Ponderosa High School Rock Canyon High School ThunderRidge High School
*AP European History	Highlands Ranch High School Legend High School Mountain Vista High School Rock Canyon High School
*AP French Language/Culture	Chaparral High School Highlands Ranch High School Mountain Vista High School Rock Canyon High School
*AP German Language/Culture	Castle View High School
*AP Human Geography	Castle View High School Chaparral High School Highlands Ranch High School Legend High School Mountain Vista High School Ponderosa High School Rock Canyon High School ThunderRidge High School
*AP Language & Composition	Castle View High School Chaparral High School Douglas County High School Highlands Ranch High School Legend High School Mountain Vista High School Ponderosa High School Rock Canyon High School ThunderRidge High School

Douglas County School District
Advanced Placement Courses

*All classes weighted on a 5.0 scale

*AP Literature & Composition	Castle View High School Chaparral High School Douglas County High School Highlands Ranch High School Legend High School Mountain Vista High School Ponderosa High School Rock Canyon High School ThunderRidge High School
*AP Macroeconomics	Castle View High School Chaparral High School Highlands Ranch High School Legend High School Mountain Vista High School Ponderosa High School Rock Canyon High School ThunderRidge High School
*AP Microeconomics	Chaparral High School Legend High School Mountain Vista High School Rock Canyon High School
*AP Music Theory	Highlands Ranch High School Legend High School Mountain Vista High School Rock Canyon High School
*AP Physics 1: Algebra-Based	Chaparral High School Douglas County High School Highlands Ranch High School Legend High School Mountain Vista High School Rock Canyon High School ThunderRidge High School
*AP Physics 2: Algebra-Based	Legend High School Mountain Vista High School Rock Canyon High School
*AP Physics C - Mechanics	Castle View High School Chaparral High School Highlands Ranch High School Legend High School Mountain Vista High School Ponderosa High School Rock Canyon High School ThunderRidge High School
*AP PreCalculus	Chaparral High School Ponderosa High School
*AP Psychology	Castle View High School Chaparral High School Douglas County High School Highlands Ranch High School Legend High School Mountain Vista High School Ponderosa High School Rock Canyon High School ThunderRidge High School
*AP Research	Castle View High School Legend High School Rock Canyon High School

*AP Seminar	Castle View High School Rock Canyon High School
*AP Spanish Language/Culture	Chaparral High School Douglas County High School Highlands Ranch High School Legend High School Mountain Vista High School Rock Canyon High School ThunderRidge High School
*AP Spanish Literature/Culture	Castle View High School Mountain Vista High School
*AP Statistics	Castle View High School Chaparral High School Douglas County High School Highlands Ranch High School Legend High School Mountain Vista High School Ponderosa High School Rock Canyon High School ThunderRidge High School
*AP US Government and Politics	Castle View High School Chaparral High School Highlands Ranch High School Legend High School Mountain Vista High School Ponderosa High School Rock Canyon High School ThunderRidge High School
*AP US History	Castle View High School Chaparral High School Douglas County High School Highlands Ranch High School Legend High School Mountain Vista High School Ponderosa High School Rock Canyon High School ThunderRidge High School
*AP World History: Modern	Castle View High School Chaparral High School Legend High School Mountain Vista High School Ponderosa High School Rock Canyon High School ThunderRidge High School

Douglas County School District
International Baccalaureate Courses

*All classes weighted on a 5.0 scale

Advanced Placement Courses	Where Offered
*IB Physics SL	Douglas County High School
*IB 20th Century Europe HL II	ThunderRidge High School
*IB Art Design HL I	Douglas County High School ThunderRidge High School
*IB Art Design HL II	Douglas County High School ThunderRidge High School
*IB Biology HL I	Douglas County High School ThunderRidge High School
*IB Biology HL II	Douglas County High School ThunderRidge High School
*IB Business Management HL	ThunderRidge High School
*IB Business Management SL	Douglas County High School ThunderRidge High School
*IB Chemistry SL	Douglas County High School
*IB Computer Science SL	Douglas County High School
*IB English HL I	Douglas County High School ThunderRidge High School
*IB English HL II	Douglas County High School ThunderRidge High School
*IB Enviro System/Societies SL	ThunderRidge High School
IB European History HL I	ThunderRidge High School
*IB European History HL II	ThunderRidge High School
*IB Film HL	ThunderRidge High School
*IB Film SL	ThunderRidge High School
*IB French V	Douglas County High School ThunderRidge High School
*IB Global Politics HL	Douglas County High School
*IB Global Politics SL	Douglas County High School
*IB HL Physics	Douglas County High School

*IB Mathematics: A & A HL II	Douglas County High School ThunderRidge High School
*IB Mathematics: A & A SL I	Douglas County High School
*IB Mathematics: A & A SL II	Douglas County High School ThunderRidge High School
*IB Mathematics: A & I SL I	Douglas County High School
*IB Mathematics: A & I SL II	ThunderRidge High School
*IB Music II	Douglas County High School
*IB Music SL	Douglas County High School
*IB Music SL I	Douglas County High School
*IB Philosophy HL	Douglas County High School
*IB Philosophy SL	Douglas County High School
*IB Psychology HL	Douglas County High School
*IB Psychology SL	Douglas County High School
*IB Spanish ab initio SL II	ThunderRidge High School
*IB Spanish V	Douglas County High School ThunderRidge High School
*IB Sports, Exercise... SL	Douglas County High School ThunderRidge High School
*IB TOK I	Douglas County High School ThunderRidge High School
*IB TOK II	Douglas County High School ThunderRidge High School
*IB World Theatre HL	Douglas County High School
*IB World Theater SL I	Douglas County High School

LONE TREE
Legacy Campus

10035 Peoria Street,
Lone Tree, 80134
303-387-7800
www.legacycampus.org

"Connecting Passion to Pathway"

Our mission is to cultivate a Career & Technical Education environment where post-secondary and industry partnerships provide relevant learning opportunities for high school students and the Douglas County community in order to ensure a competitive advantage and workforce readiness.

Located in Lone Tree (in the former Wildlife Experience located off Lincoln and Peoria), the Legacy Campus opened in August 2023 to junior (11th) and senior (12th) students across Douglas County. We proudly host students from every neighborhood and alternative education DCSD high school. The Legacy Campus also serves DCSD charter school students via a service agreement contract. Our 9 current pathways at Legacy provide students with relevant coursework where they earn college credit and industry certifications. Students will earn college credit from two- and four-year partner institutions to attain industry certifications to be competitive and career-ready.

Part-Time Enrollment
Students attending the Legacy Campus still maintain almost all of their classes at their primary DCSD high school, while attending pathway-specific courses at Legacy for 1-2 classes per semester. Students study topics that prepare them for careers in highly employable fields such as health care, aviation, technology, hospitality, and more. The majority of our students attend classes at Legacy for roughly a 3-hour block of time twice a week (either Monday/Wednesday or Tuesday/Thursday). Friday classes at Legacy are all online.

Collegiate and Industry Partners
The Legacy Campus is excited to partner with the University of Colorado, Metro State University, the University of Colorado at Denver, and Arapahoe Community College to provide concurrent/dual credit opportunities to DCSD students at low or no cost. Our DCSD schools/departments and industry partners are also instrumental in the development of these pathways and opportunities. A full list of courses and industry credentials are available at www.legacycampus.org.

Work-Based Learning Options:
Internship and work-based learning opportunities available in each pathway:

Business and Marketing - student-run cafe

Culinary and Hospitality - student-run cafe, and catered events

Colorado Restaurant Association Youth Apprenticeship Program

Architectural, Engineering, & Construction Firms/Companies

Bridge and Significant Support Needs - student-run cafe, various internship opportunities

Future Educators/Teachers - Field Experience, **DCSD & Legacy Campus Technology Internships**

*Course Offerings:
**ACC ELT 1206 - Fundamentals of DC/AC

**ACC ELT 2455 - Fluid Power

**ACC ELT 2367 - Industrial Robotics

**ACC ELT 2254 - Industrial Wiring

**ACC ELT 2252 - Motors & Controls

**ACC EIC 1001 - Electrical Print Reading

**ACC AEC 1200 - Print Reading Residential/Commercial

**ACC AEC 1510 - Building Materials

**ACC AEC 1100 - Introduction to Design Theory

**ACC AEC 2220 - Architectural Graphics

**ACC AEC 1110 - History of Architecture

**ACC AEC 1250 - Architectural Design and Modeling

**ACC CAD 1101 - Computer Aided Drafting I

**ACC CAD 1102 - Computer Aided Drafting II

**ACC CAD 2220 - Revit Architecture

**ACC EMS 1021 - EMT Fundamentals

**ACC EMS 1022 - Medical Emergencies

**ACC EMS 1023 - EMT Trauma Emergencies

**ACC EMS 1024 - EMT Special Considerations

**ACC EMS 1070 - EMT Clinical

**ACC NUA 1001 - Nurse Aide Health Care Skills

**ACC NUA 1070 - Nurse Aide Clinical Experience

**ACC NUA 1071 - Advanced Nurse Aide Clinical

**ACC CNG 1032 - Network Security Fundamentals

**ACC CNG 1042 - Introduction to Cloud Computing

**ACC CNG 1024 - Network I; Net +

**ACC CNG 1025 - Network II; Net +

**ACC CNG 1021 - Computer Technician I; A+

**ACC CNG 1022 - Computer Technician II, A+

**ACC CNG 2043 - Cloud Security & Cyber Law

**ACC CNG 2057 - Network Defense & Counter Measures

CTE Drafting & Design Work-Based Learning (Internship)

CTE Aviation WBL

CTE Principles of Flight

CTE Electrical Construction I

CTE Engineering & Technology WBL (Internship)

CTE Robotics and Mechatronics/Technology

CTE ProStart I (Culinary)

CTE ProStart II (Culinary)

CTE ProStart III (Culinary)

CTE ProStart Youth Apprenticeship (Culinary)

Culinary Internship (i.e. CTE Food FCS WBL)

**MSU RST 1550 - Food Fundamentals

**MSU RST 2550 - Food Preparation

CTE Advanced Flight

**MSU AES 1100 - Aviation Fundamentals

**MSU AES 1710 - Flight Simulation I

**MSU AES 1400 - Aviation Weather

**UCD EDHD 1930 - Early Education Field Experience

**UCD STME 1000 - STEM Methods

**UCD LCRT 2000 - Children's Literature

**UCD SPED 1400 - Universal Design for Learning

**UCD CLDE 1000 - Language, Power, & Identity

**UCD SPED 1030 - Understanding (dis)Ability in Contemporary Classrooms

UCD HDFR 1010 - LifeSpan Development

UCD INTE 2000 - Digital Teaching and Learning

Student Repair Academy (CTE IT WBL)

*Industry Certificates Available:
EMR

EMT

CNA

OSHA

NC3, SNAP-ON

SACA

FAA Private Pilot Knowledge Examination preparation

ServeSafe Food Handler

ServeSafe Manager

*courses and certificates subject to change year by year upon approval

** Class weighted on a 5.0 scale

Monthly newsletter

Sign up for tours

CASTLE ROCK
Castle View High School

5254 N. Meadows Drive,
Castle Rock, 80109
303-387-9000
https://cvhs.dcsdk12.org/

Career and Technical Education Programs:

Business and Marketing
Multimedia and Photography
Information Technology
STEM / Engineering
Theater Tech
Media Arts:
   Digital Media
   Communication

Work-Based Learning Options:

*20% required from each pathway

Concurrent Enrollment Classes:

ASL 1121 - American Sign Language I
ASL 1122 - American Sign Language II
ASL 1123 - American Sign Language III
ASL 1124 - Intermediate American Sign Language
BUS 1015 - Introduction to Business
BUS 1016 - Personal Finance
CIS 1018 - Introduction to PC Apps
CSC 1019 - Introduction/Programming
ENG 1021 - English Composition I
ENG 1022 - English Composition II
ENG 2021 - Creative Writing
ENP 1005 - Intro to Entrepreneurship
HWE 1050 - Human Nutrition
HWE 1062 - Health and Wellness
JOU 1005 - Intro to Mass Media
LIT 1015 - Introduction to Literature
MAR 1055 - Social Media for Business
MAR 2016 - Principles of Marketing
MAT 1340 - College Algebra
MAT 1420 - College Trigonometry
MAT 2431 - Calculus III w/ Engineering Applications
MUS 1020 - Music Appreciation
SPA 1011 - Spanish Language I
SPA 1012 - Spanish Language II
SPA 2011 - Spanish Language III
SPA 2012 - Spanish Language IV
SPA 2015 - Spanish for the Professional I

Certifications:
Solidworks > Engineering

Other Options:
Advanced Placement

* * Course weighted on a 5.0 scale
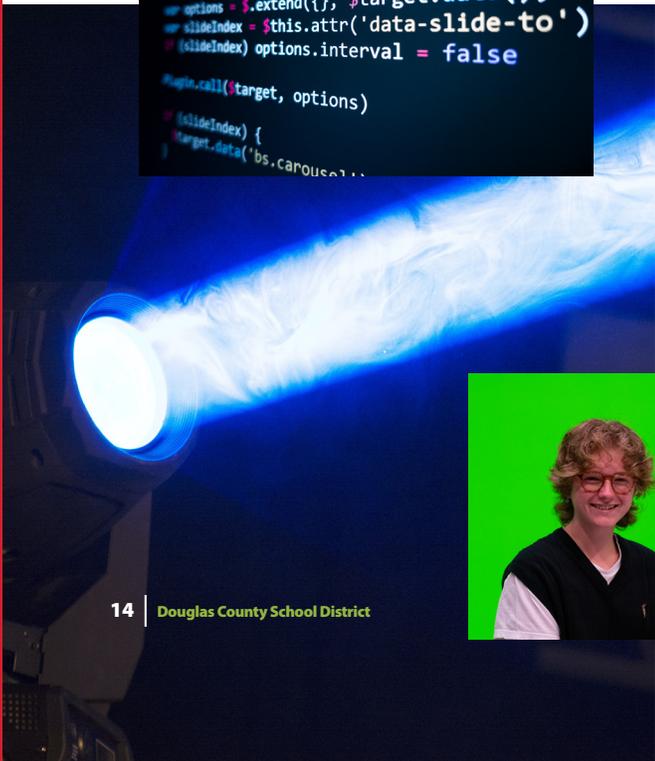
CASTLE ROCK
Douglas County High School

2842 Front Street,
Castle Rock, 80104
303-387-1000
https://dchs.dcsdk12.org/

Career and Technical Education Programs:

Agriculture/Natural Resource Management
Business and Marketing
Construction
Cosmetology
Family and Consumer Studies (FACS)
    Education
    Interior and Fashion Design
    Hospitality and Foods
Automotive Technology

Work-Based Learning Options:

*20% required from each pathway

Concurrent Enrollment Classes:
**BUS -1015 Introduction to Business
**BUS 1016 - Personal Finance
**ENG 1021 - English Composition I
**ENP 1005 - Intro to Entrepreneurship
**LIT 1015 - Introduction to Literature
**MAR 1011 - Marketing Sales
**MAR 2016 - Principals of Marketing
  MAT 1240 - Math Liberal Arts
**MAT 1260 - Intro to Statistics
  MAT 1340 - College Algebra
  MAT 1420 - College Trigonometry

* * Course weighted on a 5.0 scale

Other Options:
Advanced Placement
International Baccalaureate
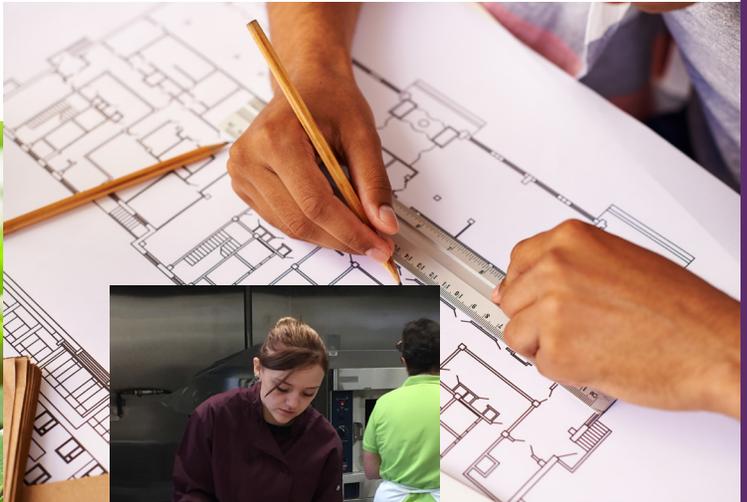
EAST HIGHLANDS RANCH REGION
Highlands Ranch High School

9375 S. Cresthill Lane,
Highlands Ranch, 80130
303-387-2500
https://www.hrhsfalcons.com/

Career and Technical Education Programs:

Automotive Technology - Diesel
ACE- Alternative Cooperative Education
Behavioral Health
Business and Marketing
Cosmetology
Engineering - Project Lead the Way
Family and Consumer Studies (FACS)
    Education
    Interior and Fashion Design
Information Technology
    AI
    Cyber Security
Theater Tech
Media Arts
    Digital Media
    Communication
    Design & Multimedia Arts
Health Science - Athletic Training and
    Sports Medicine

Work-Based Learning Options:

*20% required from each pathway

Certifications:

Adobe Photoshop;
Adobe Illustrator >Multimedia/Photo
Autodesk Inventor > Engineering
CCNA (Cisco)
GIAC (Cyber Security)
LPI (Linux)
Microsoft Office Specialist >
  Business and Marketing
PCEP (Python)

Other Options:

Advanced Placement

Concurrent Enrollment Classes:

ASL 1121 - American Sign Language I
ASL 1122 - American Sign Language II
  COM 1150 - Public Speaking
  COM 1250 - Interpersonal Communication
COS I ACC - Cosmetology I
COS II ACC - Cosmetology II
COS III ACC - Cosmetology III
COS IV ACC - Cosmetology IV
ENG 1021 - English Composition I
ENG 2021 - Creative Writing
  HIS 2135 - Colorado History
LIT 1015 - Introduction to Literature
LIT 2046 - Literature of Women
MAR 1011 - Principles of Sales
MAR 1055 - Social Media Business
MAR 2016 - Principles of Marketing
  MAT 1340 - College Algebra
  MAT 1420 - College Trigonometry
  MAT 1440 - Pre-Calculus
MAT 2410 - Calculus I
  MAT 2431 - Calculus III w/ Engineering Applications
  MAT 2560 - Differential Equations
SPA 1011 - Spanish Language I
SPA 1012 - Spanish Language II
MGD 1011 - Photoshop
MGD 1012 - Illustrator
THE 1016 - Tech Theater
THE 1031 - Theater Production I
THE 1032 - Theater Production II

** Course weighted on a 5.0 scale

Certifications:

Adobe Photoshop;
Adobe Illustrator >Multimedia/Photo
Autodesk Inventor > Engineering
CCNA (Cisco)
GIAC (Cyber Security)
LPI (Linux)
Microsoft Office Specialist >
  Business and Marketing
PCEP (Python)

Rock Canyon High School

5810 McArthur Ranch Road,
Highlands Ranch, 80124
303-387-3000
https://www.rockcanyonjags.com/

Career and Technical Education Programs:

Biotechnology
**Business and Marketing High School
    of Business**
Criminal Justice
Emergency Medical Technician (EMT)
Fire Science
Information Technology
Engineering
Media Arts
    Digital Media
    Communications

Work-Based Learning Options:

*20% required from each pathway

Concurrent Enrollment Classes:

ASL 1121 - American Sign Languge
BUS 1015 - Introduction to Business
CRJ 1010 - Introduction to Criminal Justice
CRJ 1025 - Policing Systems
CRJ 1035 - Judicial Functions
CRJ 1045 - Correctional Process
EMS 1021 - EMT Fundamentals
EMS 1022 - EMT Medical Emergencies
EMS 1023 - Trauma Emergencies
EMS 1024 - Special Considerations
EMS 1070 - Clinical
ENG 1021 - English Composition I
FST 1002 - Emergency Services
FST 1010 - Job Placement
FST 1060 - CPAT Preparation
FVM 1003 - Pre-Production I
FVM 1005 - Video Production I
FVM 1060 - Video Post-Production I
HIS 1210 - U.S. History to Reconstruction
HIS 1220 - U.S. History Since the Civil War
HIS 2135 - Colorado History
LIT 1015 - Introduction to Literature
MAN 2026 - Principles of Management
MAR 2016 - Principles of Marketing
MAT 2431 - Calculus I w/ Engineering Apps
MAT 2560 - Differential Equations
PHY 1111 - Physics Algebra-based I/LB SC I
PHY 1112 - Physics Algebra-based II w/Lab

** Course weighted on a 5.0 scale

Certifications:

Biotechnician Assistant> Biotech
High School of Business
Emergency Medical Technician (EMT)

Other Options:

Advanced Placement
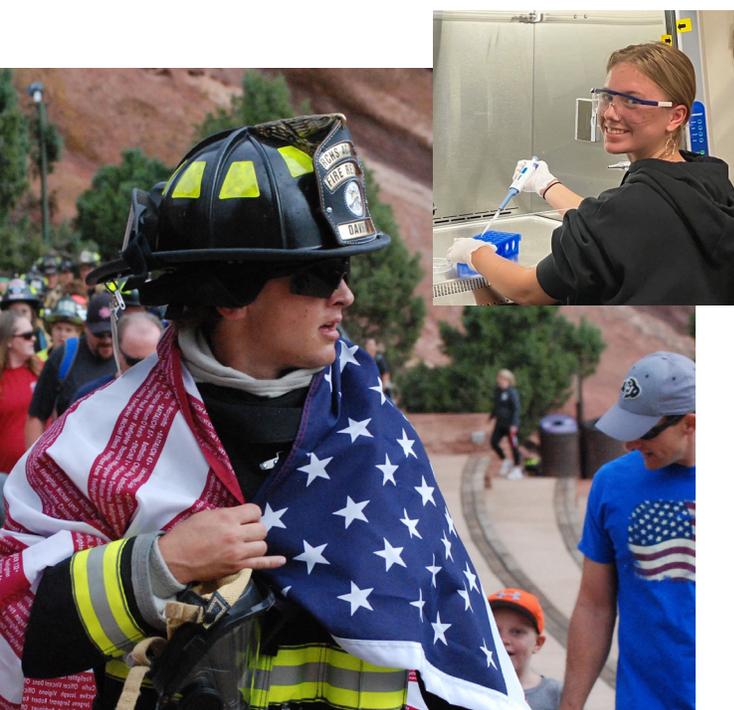
WEST HIGHLANDS RANCH REGION
Mountain Vista High School

10585 Mountain Vista Ridge,
Highlands Ranch, 80126
303-387-1500
https://mvhs.dcsdk12.org/

Career and Technical Education Programs:

Broadcast Journalism
Business and Marketing
Family and Consumer Studies (FACS)
    Education
    Hospitality and Foods
    Interior and Fashion Design
Filmmaking
Health Science
Information Technology
    Cyber Security
Media Arts
    Digital Media
    Communications
    Design & Multimedia Arts
Engineering
Theater Tech

Work-Based Learning Options:
*20% required from each pathway

Concurrent Enrollment Classes:
**ASL 1121 - American Sign Language I
**ASL 1122 - American Sign Language II
**BUS 1015 - Introduction to Business
**BUS 1016 - Personal Finance
**BUS 2016 - Legal Environment of Business
**CAD 2455 - Solid Works
**CAD 2456 - Advanced Solidworks
**CAD 2660 - 3D Printing/Addit
**CIS 1018 - Introduction to PC Applications
**ECE 1011 - Intro to Early Childhood Education
**ECE 1111 - Infant/Toddler Development
**ENG 1021 - English Composition I
**ENG 1022 - English Composition II
**FIN 1010 - Intro to Finance
**HIS 1210 - US History Reconstruction
**HIS 1220 - US History Civil War
**HIS 1320 - Western Civilizations 1650-Present
**LIT 1015 - Introduction to Literature
**LIT 2046 - Literature of Women
**MAR 1055 - Social Media Business
**MAR 1060 - Customer Service
**MAR 2016 - Principals of Marketing
  MAT 1240 - Math for Liberal Arts
  MAT 1260 - Introduction to Statistics
  MAT 1340 - College Algebra
  MAT 1420 - College Trigonometry
**MAT 2520 - Discrete Math
**MAT 2430 - Calculus III
**MAT 2540 - Linear Algebra
**MAT 2560 - Differential Equations
  MGD 1011 - Adobe Photoshop I
  (F,S)-MGD 1012 - Adobe Illustrator I

* * Course weighted on a 5.0 scale

Certifications:
Adobe Photoshop > Multimedia/Photo
Adobe Illustrator > Multimedia/Photo
Solidworks > Engineering

Other Options:
Advanced Placement
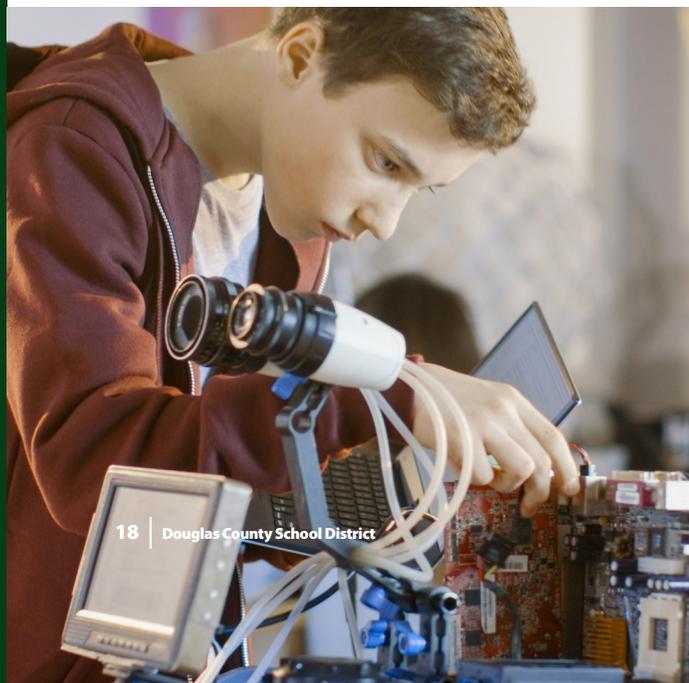
WEST HIGHLANDS RANCH REGION
ThunderRidge High School

1991 W. Wildcat Reserve Parkway,
Highlands Ranch, 80129
303-387-2000
https://trhs.dcsdk12.org/

Career and Technical Education Programs:

Business and Marketing
Construction
Family and Consumer Studies (FACS)
　　Hospitality and Foods
　　Interior and Fashion Design
　　ProStart
Media Arts
　　Design & Multimedia
Welding

Work-Based Learning Options:

*20% required from each pathway

Concurrent Enrollment Classes:

**ACC 1021 - Accounting Principals I
**ACC 1022 - Accounting Principles II
**ASL 1121 - American Sign Language I
**ASL 1122 - American Sign Language II
**ASL 1123 - American Sign Language III
**ASL 1124 - American Sign Language IV
**BUS 1016 - Personal Finance
**ENG 1021 - English Composition I
**JOU 1005 - Intro Mass Media
**JOU 1006 - Media News & Reporting
**LIT 1015 - Introduction to Literature
**MAR 1011 - Principals of Sales
**MAR 1055 - Social Media for Business
**MAR 2016 - Principles of Marketing
**MAR 2020 - Principles of Advertising
**MAT 1260 - Introduction to Statistics
　MAT 1240 - Math Liberal Art
　MAT 1340 - College Algebra
　MAT 1420 - College Trigonometry
**MSU - Pro Start I
**MSU - Pro Start II

* * Course weighted on a 5.0 scale

Certifications:
ProStart > Culinary

Other Options:
Advanced Placement
International Baccalaureate

PARKER REGION
Chaparral High School

15655 Brookstone Drive,
Parker, 80134
303-387-3500
https://chs.dcsdk12.org/

Career and Technical Education Programs:

Business and Marketing
Family and Consumer Studies (FACS)
    Education
    Interior and Fashion Design
Information Technology
Media Arts
    Design & Multimedia Arts
Engineering
Theater Tech

Work-Based Learning Options:

*20% required from each pathway

Concurrent Enrollment Classes:

ACC BIO 1004 - Biology: A Human Approach
ACC BIO 1016 - Biology: Introduction to Human Disease
** **ACC ENG 1021** - English Composition I
** **ACC ENG1022** - English Composition II
** **ACC LIT 1015** - Introduction to Literature
** **ACC LIT 2046** - Literature of Women
ACC SOC 1001 - Introduction to Sociology I
ACC HIS 1310 - Western Civilizations Antiquity
** **ACC HIS 1320** - Western Civilizations 1650-Present
** **ACC MAT 2430** - Calculus III
** **ACC MAT 2560** - Differential Equations
** **HIS 1210 -** US History Recon
** **HIS 1220** - US History Civil Way
** **JOU 1006** - Media, News & Reporting
** **JOU 2041** - Feature and Magazine Writing
** **BUS 1015** - Intro to Business
** **BUS 1016** - Personal Finance
** **ENP 1005** - Intro to Entrepreneurship
** **BUS 1015** - Intro to Business
** **MAR 2016** - Principles of Marketing
** **MGD 1002** - Intro to Multimedia

** Course weighted on a 5.0 scale

Other Options:
Advanced Placement
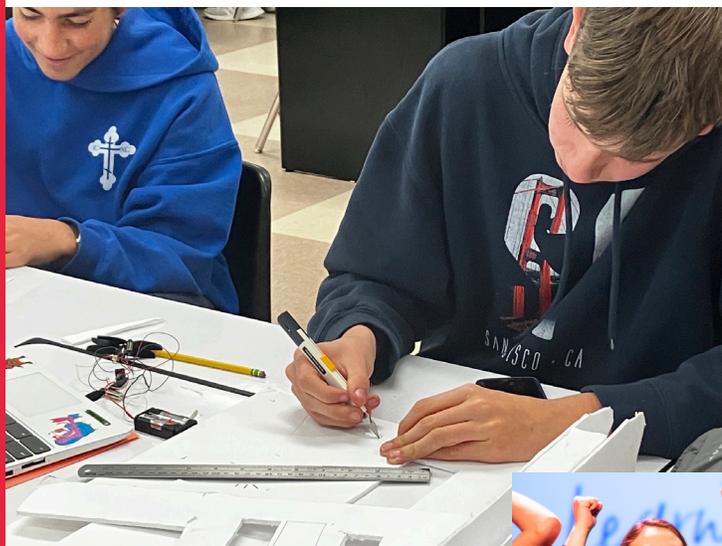
PARKER REGION

Legend High School

22219 Hilltop Road,
Parker, 80138
303-387-4500
https://lhs.dcsdk12.org/

Career and Technical Education Programs:

Business and Marketing
Criminal Justice
Health Science
    Athletic Training and Sports Medicine
Media Arts
    Digital Media
    Communications
    Design & Multimedia Arts
Information Technology
    Coding
    Networking Security

Engineering

Work-Based Learning Options:
*20% required from each pathway

Certifications:
Solidworks > Engineering
Entrepreneurship, Stuknet,
    Microsoft - Business and Marketing
Physical Therapy Technician/Aide Health Sciences
Revit Engineering

Other Options:
Advanced Placement
EDGE

Concurrent Enrollment Classes:

**BUS 1015 - Introduction to Business
**BUS 1016 - Personal Finance
**BUS 2017 - Business Communications
**CAD 2220 - Revit Architecture
**CAD 2455 - Solidworks
**CAD 2694 - 3D Scanning & Modeling
**CAD 2660 - 3D Printing/Addit,
**CRJ 1025 - Policing Systems
**CRJ 1035 - Judicial Functions
**CRJ 1045 - Correctional Process
**CRJ 1010 - Intro to Criminal Justice
**CRJ 1027 - Crime Scene Investigation
**CRJ 2009 - Criminal Investigation I
**CSC 1019 - Introduction to Program
**ENG 1021 - English Composition I
**ENG 1022 - English Composition II
**ENG 2021 - Creative Writing
**FRE 1011 - French Language I,
**(S) FRE 1012 - French Language II,
**FRE 2011 - French Language III
**FRE 2012 - French Language IV
**HIS 1210 - US History Recon
**HIS 1220 - US History Civil War
   HPR 1011 - CPR for Professionals
**HPR 1040 - Comprehensive
    Medical Terminology
**HWE 1050 - Human Nutrition
**HWE 1062 - Health and Fitness,
**LIT 1015 - Intro to Literature
**LIT 2001 - World Literature to 1600
**LIT 2002 - World Literature after 1600
**MAR 1055 - Social Media for Business
**MAR 2016 - Principles of Marketing
**MAT 1240 - Math for Liberal Arts
**MAT 1260 - Introduction to Statistics
   MAT 1340 - College Algebra
   MAT 1400 - Survey of Calculus
   MAT 1420 - College Trigonometry
**MGD 1001 - Introduction to Computer Graphics
**MGD 1002 - Introduction to Multimedia
**MGD 1011 - Adobe Photoshop I
**MGD 1012 - Adobe Illustrator I
**MGD 1013 - Adobe InDesign
**MGD 1064 - Digital Video Editing
**MGD 1043 - Motion Graphic Design
   MUS 1020 - Music Appreciation

* * Course weighted on a 5.0 scale

PARKER REGION
Ponderosa High School

7007 E. Bayou Gulch Road,
Parker, 80134
303-387-4000
https://phs.dcsdk12.org

Career and Technical Education Programs:

Business and Marketing

Construction

Family and Consumer Studies (FACS)
    Education
    Hospitality and Foods

Engineering

Vehicle Maintenance / Automotive

Welding

Information Technology

Work-Based Learning Options:

*20% required from each pathway

Concurrent Enrollment Classes:

**ASE 1001 - Auto Shop Orientation
**ASE 1003 - Automotive Maintenance I
**ASE 1022 - Automotive Electric Safety Systems
**ASE 2050 - Auto Transmission/Transmission Service
**ASE 2064 - Introduction to HVAC Systems
**BUS 1015 - Introduction to Business
**CIS 1018 - Introduction to PC Apps
**ECE 1011 - Introduction to Early Childhood Education
**ECE 111 - Infant/Toddler Development
**ENG 1021 - English Composition I
**ENG 1022 - English Composition II
**LIT 1015 - Introduction to Literature
**MAN 1028 - Human Relations in Organizations
**MAR 1055 - Social Media for Business
**MAR 2016 - Principles of Marketing
**MAT 1260 - Introduction to Statistics
MAT 1340 - College Algebra
MAT 1420 - College Trigonometry
**SPA 1011 - Spanish Language I
**SPA 1012 - Spanish Language II
**SPA 2011 - Spanish Language III
**SPA 2012 - Spanish Language IV

** Course weighted on a 5.0 scale

Certifications:

Automotive Service S/P2 > Auto
Microsoft Office Specialist > B & M
ServSafe Manager > Culinary
Solidworks > Engineering

Other Options:

Advanced Placement

ALTERNATIVE EDUCATION OPTIONS

Daniel C. Oakes High School

961 S. Plum Creek Boulevard,
Castle Rock, 80104
303-387-0650
https://dcohs.dcsdk12.org/

Daniel C. Oakes High School is an alternative option and school of choice for students to earn their high school diploma. D.C. Oakes offers smaller class sizes, personal connection with peers and staff, and prides itself on a sense of community and family.

Career and Technical Education Programs
Business and Marketing

Eagle Academy

9350 Teddy Lane,
Lone Tree, 80124
303-387-0870
https://ea.dcsdk12.org/

Eagle Academy is DCSD's afternoon/evening high school dedicated to serving the needs of high school students seeking an alternative path to earning a high school diploma. At Eagle we embrace the notion of FAMILY and promote this in our ability to foster strong relationships with our students and rekindle their desire to learn and achieve. Eagle also believes in the social and emotional well-being of our students incorporating a four-member mental health team designed to help them find balance in their lives.

Career and Technical Education Programs
Family & Consumer Sciences
    Hopitality and Foods

Work-Based Learning Options
Concurrent Enrollment Classes
College Algebra
Math for Liberal Arts
Art Appreciation

ALTERNATIVE EDUCATION OPTIONS

eDCSD

373 Inverness Parkway, Suite 207,
Englewood, 80112
303-387-9600
https://www.edcsd.org/

eDCSD Online is a K-12 online education program that is offered by Douglas County School District. At eDCSD Online, we understand that not all students thrive in the same environment and not all students learn the same way. Online learning allows a student's creativity, problem-solving, and communication skills to combine with technology for the ultimate educational experience.

BRIDGE Program

9350 Teddy Lane,
Lone Tree, 80124
303-387-0870
https://www.dcsdk12.org/bridge

The Bridge Transition Program provides specialized instruction to students 18 - 21 years old with disabilities who have continued needs in education, career and adult living skills to work toward their post secondary outcomes. The priority outcomes for our students are Functional Academics, Daily Living Skills, Social Emotional Skills, Employability Skills, and Community Skills are achieved through working on their Individualized Education Plan (IEP) goals.

VALE

VALE: Venture Academy of Leadership and Entrepreneurship

15653 Brookstone Drive,
Parker, 80134
https://vale.dcsdk12.org

VALE is a "small by design" school built on the bedrock of Belonging and Innovation with the mission of preparing our students to be entrepreneurial change makers who are postsecondary ready. By the time VALE students graduate, they will be published, patented practitioners who see problems as opportunities and are therefore marketable immediately in the workforce or college ready depending on their choice.

"65% of elementary students will have jobs that have yet to be created" (World Economic Forum).
VALE is designed for two outcomes. First, we must prepare students for the world that exists right now. Students should be college ready and demonstrate growth and achievement by the traditional measures that are currently used as currency in the education world. Second, we must prepare students for the world that doesn't exist... yet. In order to do so, VALE's culture and instructional programming is built around leadership and entrepreneurship. VALE students will embrace, cultivate, and leverage the entrepreneurial mindset to tackle relevant challenges that make them world ready.

VALE students:

- see challenges as opportunities
- have a bias towards action and take initiative
- are flexible, adaptable, and believe in the power of iteration
- are responsible risk takers
- critically think through challenges by understanding perspective, bias, and assumption
- see the power of curiosity, play, and purpose
- value inclusion, belonging, and vulnerability

The following CTE programs in partnership with a local university will foster the entrepreneurial mindset and help students work toward VALE's three graduation outcomes of being: Published, Patented, Practitioners.

50010 - Global Leaders and Learners
55550 - Career Pathway
30456 - Project Management
25525 - Entrepreneurship
20040S1- ACE Premier Enterprises
79061101 - CTE Business & Marketing Essentials
00003 - Work Experience
79061105 - CTE Ethical Leadership
79061304 - CTE Legal Environment of Business

ASCENT/TREP

ASCENT **is a state program established by C.R.S. 22-35-108 (House Bill 09-1319) that allows eligible high school students to attend college tuition-free for one year, with Douglas County School District (DCSD) covering the tuition costs.**

TREP is the **Teacher Recruitment Education and Preparation** program created by SB 21-185. The TREP program creates the opportunity for qualified students in an Educator Pathway to concurrently enroll in postsecondary courses for the two years after the **12th grade year tuition-free for two years, with Douglas County School District (DCSD) covering the tuition costs.**

Eligibility Requirements for Both Programs:

- **Full-Time Enrollment:**
  - ◦ **ASCENT:** Minimum of 24 credit hours during the ASCENT year.
  - ◦ **TREP:** Must be enrolled full-time at a participating institution.
- **Postsecondary Coursework:**
  - **ASCENT:** Must have earned 9 postsecondary credits during high school through:
    - **-** Concurrent/Dual Enrollment (grade C or higher).
    - **-** AP courses (score of 3+), taken before the spring of senior year.
    - **-** IB courses (score of 4+), taken before the spring of senior year.
  - **TREP:** Must have successfully completed one course in the Educator Pathway during their 12th-grade year.
- **Diploma Withheld:** Students must agree to withhold receiving their high school diploma until they complete the ASCENT/TREP program. They will remain DCSD students during this time, and their diploma will be issued and dated upon the program's completion.
- **FAFSA/CASFA Completion:** Required during the college registration process for both programs.
- **Financial Aid Restrictions:** No state or federal financial aid (work-study, scholarships, or Parent PLUS loans) can be used with ASCENT or TREP.
- **Age and Eligibility Restrictions:**
  - ◦ Students must be under 21 years old.
  - ◦ No early graduates, super seniors, or college athletes are eligible during the ASCENT/TREP years.

Application Process:

1. Counselor Consultation: Students work with their high school counselor to ensure they meet eligibility criteria and begin the application process.
2. Verification: The ASCENT Specialist will reverify student eligibility.
3. Meetings: The ASCENT Specialist will schedule individual/group meetings with eligible students to confirm their status and discuss next steps.
4. Orientation: Once identified as recipients, students must attend either an individual or group

orientation. During this session, next steps will be discussed, including introductions to ASCENT/TREP points of contact at partner schools, to ensure students are prepared to register for Fall classes.

Important Notes:

- Students must complete an ASCENT/TREP application and agreement, confirm enrollment, and maintain communication throughout the ASCENT/TREP program via phone and personal email.
- Schedules and grades for ASCENT/TREP years are required to be collected by the district ASCENT/TREP representative.
- Policies regarding housing, institutional scholarships, and activity participation, such as sorority/fraternity involvement, must be discussed with partner colleges/universities.
- ASCENT/TREP participants remain students in their Local Education Provider (LEP) following their 12th grade year (1 year for ASCENT/2 years for TREP). The LEP receives ASCENT/TREP specific per-pupil state funding that it uses to pay their college tuition (tuition is discounted) at the resident community college rate. Students receive their high-school diplomas at the end of their ASCENT/TREP year. [C.R.S. § 22-35-108.5]
- Once DCSD is billed (typically toward the end of each college semester), payment will be made to the partner school or university. Please note, college/university systems may still show an outstanding tuition balance, as they are not always programmed to recognize ASCENT/TREP participants.

  For additional information, students and parents should reach out to the school counselor or the ASCENT/TREP Specialist for guidance.

Douglas County Support Center

373 Inverness Parkway, Suite #205
Englewood, 80112
Main Line: 303-387-9660
http://tinyurl.com/DCSupportCenter

The Douglas County Support Center is a voluntary, free nine-week strength-based transition program intended to support students who are expelled, at-risk of expulsion, exhibit chronic absenteeism, substance use and/or have experienced significant trauma. The students remain enrolled at their home high school but attend (as a secondary enrollment) in-person Monday through Thursday and Fridays virtually. All students receive instruction from licensed, certified teachers and mental health personnel. One-on-one tutoring is available every Monday from 1:00 – 3:00 pm for nine weeks and random drug testing occurs on a monthly basis. Academic credit recovery is available through online classes and direct instruction. Post-secondary counseling and planning is provided to all students. The goal of the program is to assist in removing social-emotional and academic barriers so that students are more available for learning.

DCSD GED Center

373 Inverness Pkwy, Suite 201,
Englewood, 80112
303-387-9675
http://tinyurl.com/GED_Center

The DCSD GED Center is a private, Pearson/VUE/GED Authorized Testing Center.

Successful students have attended high school in a traditional or alternative setting, are at least 17 years of age and are unable to graduate "on time" or with their class due to credit deficiencies. Students may participate in free tutoring to prepare for the GED Test and take the Official GED Tests from this location. Testing is available by appointment only.

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