



# CHERRY CREEK INNOVATION CAMPUS

## CTE PATHWAYS 2022-2023

In addition to courses offered at the home high school, students may also apply to take courses at the Cherry Creek Innovation Campus (CCIC). Some CCIC Pathways are an extension to CTE Pathways already offered at the home high school. Students can enroll in CCIC Pathways beginning in their 10<sup>th</sup> grade year. Courses listed with a CE (Concurrent Enrollment) or DE (Dual Enrollment) provide students an opportunity to earn college credit. Industry certifications are also available in numerous pathways. CCIC courses are listed below in alphabetical order, with the recommended entry-level course listed first. See CCIC Course Guide for more information.

### ADVANCED MANUFACTURING

- CNC Machining I \*Recommended Entry-Level
- CNC Machining II
- Manufacturing Fundamentals I
- Manufacturing Fundamentals II
- Work-based Learning: Internships & Apprenticeships

### BUSINESS SERVICES

- Project Management for Entrepreneurs I (CE)  
\*Recommended Entry-Level
- Project Management for Entrepreneurs II (CE)
- Project Management for Entrepreneurs III (CE)
- CTE Capstone: Business (CE)
- Work-based Learning: Internships & Apprenticeships

### HEALTH SCIENCE

- Introduction to Health Care (CE) \*Recommended Entry-Level
- Behavioral Health Technician (CE)
- Certified Nurse Aide
- Introduction to Occupational/Physical Therapy (CE)
- Pharmacy Technician
- Work-based Learning: Internships & Apprenticeships

### HOSPITALITY & TOURISM

- ProStart I (DE) \*Recommended Entry-Level
- Hospitality Youth Apprenticeship (CE)
- Resort and Event Management (DE)
- ProStart II (DE)
- ProStart Youth Apprenticeship
- Work-based Learning: Internships & Apprenticeships

### INFRASTRUCTURE ENGINEERING

- Construction I \*Recommended Entry-Level
- Construction II
- Work-based Learning: Internships & Apprenticeships

### IT: NETWORKING & SECURITY

- Computer Programming I \*Recommended Entry-Level
- CTE Capstone: IT
- Cybersecurity I: Computer Systems
- Cybersecurity II: Networks & Security
- Cybersecurity III: Ethical Hacking
- Data Science I: Foundations
- Data Science II: Machine Learning
- Data Structures and Algorithms
- Virtual Reality I: Foundations of Unity
- Virtual Reality II: Building VR Experiences with Unity
- Work-based Learning: Internships & Apprenticeships

### STEM: INDUSTRIAL DESIGN

- Product Design I (CE) \*Recommended Entry-Level
- Advanced Robotics and Automated Systems
- CTE Capstone: STEAM
- Product Design II (CE)
- Product Design III
- Work-based Learning: Internships & Apprenticeships

### TRANSPORTATION - AUTOMOTIVE SERVICE

- Automotive Technology I\* (CE) \*Recommended Entry-Level
- Automotive Technology II (CE)
- Automotive Technology III (CE)
- Work-based Learning: Internships & Apprenticeships

### TRANSPORTATION: AVIATION FLIGHT

- Aviation Fundamentals (DE) \*Recommended Entry-Level
- Drone Pilot
- Work-based Learning: Internships & Apprenticeships

### TRANSPORTATION – AVIATION MECHANICS

- General Aircraft Maintenance I \*Recommended Entry-Level
- Airframe I
- Airframe II
- Airframe III
- Airframe IV
- General Aircraft Maintenance II
- Work-based Learning: Internships & Apprenticeships