



# CONSTRUCTION ESSENTIALS PROGRAM



The Construction Essentials program at Legacy Options High School educates students in construction skills and techniques used in carpentry, plumbing, electrical and HVAC work. The program is in partnership with Careers in Construction Colorado (CICC) and the Home Builders Institute (HBI). The program provides OSHA 10 Safety training and certification procedures as part of the completion of the National Center for Construction Education & Research (NCCER) curriculum during the first year. Students in the program are eligible for concurrent enrollment with Emily Griffith Technical College.

Partnerships with local construction companies will provide resources and expertise around different aspects of the construction industry, as well as opportunities for student internships and apprenticeships. As the program grows, students will gain hands-on and virtual construction skills using the latest technology, preparing them to enter the workforce or pursue post-secondary options.

## COURSE OFFERINGS

**Residential and Commercial Construction I**

**Fundamentals of Construction**

**CONCURRENT ENROLLMENT COURSES OFFERED IN PARTNERSHIP WITH EMILY GRIFFITH CAMPUS:**

**MAT 102 (Skilled Trades/Industrial Math)**

**OSH 117 (10 hr. OSHA Voluntary Compliance)**

**CON 157 (NCCER Core)**

**CAR 101, 102, 103**

**(Basic Safety, Hand and Power Tools, Carpentry Basics)**



## INDUSTRY CERTIFICATES

**NCCER Certification  
OSHA 10**



## CAREER PATHS AND AVERAGE SALARIES

**Construction Worker  
\$35,800**

**Carpenter  
\$51,120**

**Steelworker  
\$58,170**

**Cost Estimator  
\$69,710**

**Construction Managers  
\$103,110**





# MAKER CONNECT

MakerConnect introduces students to the world of advanced manufacturing, construction and the skilled trades that lead to a variety of high-opportunity college and career options. Students in MakerConnect study a variety of hands-on subjects, including welding, auto mechanics, construction and computer-aided design (CAD). Students also develop effective communication, problem-solving and leadership skills. They may also have the opportunity to receive college credit and industry certifications.

### READY TO ENROLL?

For questions or to begin the enrollment process, contact CTE Pathway Director, **Erik Andersen**, at **720-373-6949** or email [erik\\_andersen@dpsk12.org](mailto:erik_andersen@dpsk12.org).

### CONNECT WITH LEGACY OPTIONS:

**Marie Bencomo**  
Assistant Principal  
720-424-3119  
[marie\\_bencomo@dpsk12.org](mailto:marie_bencomo@dpsk12.org)

### CAREER CAPSTONE

Complete a minimum of four semesters (or three courses and a Career Launch Internship) within a Career Pathway with a C or better and earn an industry certification.

### WORK BASED OPPORTUNITIES



#### Xplore Industry Exploration

The Xplore Industry Exploration Program provides a critical real-world exposure to companies in each student's field of study or CareerConnect pathway. DPS students — most in ninth grade — learn about careers available within a particular industry and observe the work performed by people in those careers. They also learn about post-high school educational paths to the careers they observe.



#### Coach Mentoring

Coach Mentoring is an opportunity for high school students, mostly sophomores, to connect with a professional in their field of interest. Students and mentors follow a structured set of activities to help the student envision potential educational and professional paths.

CareerConnect staff match students and mentors and facilitate their meetings, which typically occur monthly and rotate between the student's school and the mentor's workplace. The program helps students to develop critical soft skills and a positive and lasting adult connection in their chosen field.



#### Launch Internships

Launch Internship is designed to give students — typically high school juniors and seniors — a first-hand look at a career they're interested in. Internships can take place over the course of a semester or a summer, and typically last 100 to 120 hours. CareerConnect staff help match students with internships and provide support throughout the experience, including a skills-training class that students take prior to their first day of work. Students may complete more than one internship, either returning to the same workplace or trying a different field.

**LEARN MORE** [collegeandcareer.dpsk12.org/  
work-based-learning-with-careerconnect](http://collegeandcareer.dpsk12.org/work-based-learning-with-careerconnect)

