

# RESIDENTIAL CONSTRUCTION TRADES

**IT TAKES 80 DIFFERENT TRADES TO BUILD YOUR AVERAGE SINGLE FAMILY HOME**  
That's 80 different fulfilling career paths in the construction industry!

"The top 25% in most construction trades professions earn at least \$60,000 annually. And you don't need to follow the traditional college path to get there!"  
-National Association of Home Builders

### TRADES NEEDED TO BUILD A HOUSE

• FiniW Technician	• Estimator	• Glazier/ Glass Installer	• Mechanical Drafter	• Sheetrock Installer
• Architect	• Exterior Trim Carpenter	• HVAC Installer	• Metal Fabricator	• Sider
• Bookmaker	• Fencer	• HVAC Technician	• Millwright	• Sprinkler Fitter
• Cabinet Maker	• Finish Carpenter	• Insulation Installer	• Painter	• Solid Surface Builder
• Carpet Layer	• Finish Carpenter	• Insulator	• Plumber	• Steam Fitter
• Cladder	• Finish Carpenter	• Interior Plasterer	• Plumber	• Steel Supplier
• Cladder	• Framing Carpenter	• Joiner	• Refrigeration Tech	• Stucco Finisher
• Concrete Finisher	• Framing Carpenter	• Laminated Counter-top Installer	• Roofing Installer	• Stucco Installer
• Concrete Form Setter	• Foundation Crew	• Landscaper	• Siding Installer	• Siding Installer
• Crane Operator	• Foundation Crew	• Low Voltage Installer	• Siding Installer	• Siding Installer
• Deck Installer	• Foundation Crew	• Mason	• Sheetrock Finisher	• Window Well Installer
• Dry Waller	• Framing Carpenter	• Mason	• Sheetrock Finisher	• Window Well Installer
• Ductwork Fabricator	• Garage Door Installer	• Mason	• Sheetrock Finisher	• Window Well Installer
• Electrician	• Gas Installer	• Mason	• Sheetrock Finisher	• Window Well Installer
• Energy Tester	• Gutter Installer	• Mason	• Sheetrock Finisher	• Window Well Installer
• Engineer	• Gutter Installer	• Mason	• Sheetrock Finisher	• Window Well Installer

### HOW TO GET INTO THE CONSTRUCTION INDUSTRY

#### APPRENTICESHIP

- Industry-driven education program
- Earn income while training
- Combines on-the-job training and classroom education
- Average \$15 an hour
- 3-5 years to complete

#### TRADE SCHOOL

- Education institution that provides hands-on training
- Class schedule flexible, can work part-time
- Classroom setting with instructor guidance
- Tuition is lower than college
  - Average cost \$13k-\$33k

#### COLLEGE

- Common construction degrees are architecture, engineering, and construction management
- Average cost of a bachelors degree in Colorado is \$63k
- Full time and part time options available at most schools

"According to the 2019 American Community Survey (ACS), 22% (2.4 million) of construction workers are self-employed. This is significantly higher than an economy-wide average of 9.7% of the employed labor force." -HBI Construction Labor Market Report June 2022

[CICColorado.org](http://CICColorado.org)

## CAREERS IN CONSTRUCTION CUMULATIVE STATISTICS

Year	Locations
2015-2016	1
2016-2017	3
2017-2018	6
2018-2019	10
2019-2020	18
2020-2021	19
2021-2022	29
2022-2023	47

Year	Enrollment
2015-2016	23
2016-2017	322
2017-2018	425
2018-2019	587
2019-2020	1054
2020-2021	1330
2021-2022	1604

**Student Survey Results 2022**

- 74% of students are interested in pursuing a career in construction
- 15% of students identify as female, 5% higher than the National Average.

Copyright ©2023 Careers in Construction Colorado. All Rights Reserved. [CICColorado.org](http://CICColorado.org)

## WHY SHOULD YOU ENROLL IN CAREERS IN CONSTRUCTION (CIC) CLASSES?

Let us break it down for you:

### #1 CIC CLASSES ARE NEVER BORING

We believe you learn by doing, so daily you will be applying classroom skills to real-life projects, such as building deck chairs, sheds, a Home Build Projects and more!

### #2 YOU GAIN VALUABLE SKILLS TO JUMPSTART A CAREER!

You will be receiving instruction and training in the following units, while also earning U.S. Department of Labor-recognized industry certificates

#### CORE

- Build Trade Safety and First Aid
- Basic Construction Math and Print Reading
- Tools and Construction Materials

And More!

#### CARPENTRY

- Laying roofs with plywood and shingles
- Installing cabinets and countertops
- Building walls

And More!

#### OSHA 10

- Recognition, avoidance, abatement and prevention of safety and health hazards in the workplace
- Information regarding workers' rights, employer responsibilities, and how to file a complaint.

### #3 YOU CAN GRADUATE HIGH SCHOOL AND START EARNING REAL MONEY

What if I told you that you don't have to wait another 4 years to make good money? With CIC classes, we equip you to start a career right after high school with competitive pay.

**Job Experience Guide - Colorado Average Wage**

Apprentice	2-4 years	Journeyman	4-7 years	Master	7-9 years
------------	-----------	------------	-----------	--------	-----------

What are you waiting for?

**TALK TO YOUR SCHOOL COUNSELOR TODAY TO ENROLL IN CIC CLASSES FOR NEXT SEMESTER!**

Learn more at: [CICCOLORADO.ORG](http://CICCOLORADO.ORG)

Contact Info: 719-592-1800

4585 Hilton Parkway Colorado Springs, CO 80907

# HOME BUILD PROGRAM

#### WHO WE ARE

Careers in Construction Colorado is a 501c3 Non-profit in Colorado Springs, Colorado. This program was started in 2015 by the Housing and Building Association of Colorado Springs, and CICC became a separate 501c3 entity in 2019.

#### WHAT WE DO

We bring construction based vocational education into high schools. Through this program students earn certificates which are recognized by the United States Department of Labor, and can acquire internships, job shadows, and entry level jobs in the construction industry.

### THE HOME BUILD PROGRAM

This program enables students to construct a 1200 square foot modular home on school district property as a part of their Career Technical Education classes. The goal is to have each school build one home every two years. Students will use the skills they have learned in their classroom settings - carpentry, plumbing, electrical, OSHA 10 safety and more- to construct the new home. Industry professionals provide on-site support through Builder Captains as well as licensed trade partners. Through industry donations at the local, regional, and national level, this program provides each school with the materials needed for students to build this home. Once the homes are completed, they are sold to members in the Colorado Springs community, and the proceeds from the sale are reinvested into the CICC program.

### INDUSTRY INVOLVEMENT

The Careers in Construction Home Build Program would not be possible with out YOU! The generous donations from vendors and trade partners like you will make this program successful and impactful for the Colorado Springs community and YOUR future workforce. As the Home Build Program grows, it becomes self sustaining through government programs that schools can use to their advantage and the sale of the homes. Until then, we need industry support to build this plan. We need YOU!

#### HOW YOU CAN HELP

##### MATERIALS

Raw materials, tools, fixtures. Tax deductible

##### FUNDS

Enterprise zone cash donations Tax deductible

##### TIME

On-site support, training, expertise. Invest in your future workforce

[CICCOLORADO.ORG](http://CICCOLORADO.ORG)

## CAREERS IN CONSTRUCTION COLORADO

#### WHO WE ARE

Careers in Construction Colorado is a 501c3 Non-profit in Colorado Springs, Colorado. This program was started in 2015 by the Housing and Building Association of Colorado Springs, and CICC became a separate 501c3 entity in 2019.

#### WHAT WE DO

CICC brings construction based vocational education into high schools. Through this program students earn certificates which are recognized by the United States Department of Labor, can acquire internships, job shadows, and entry level jobs in the construction industry.

### CUMULATIVE CICC SUCCESS

**45** Colorado High Schools

**640** Students Employed in the Construction Industry

**1,702** OSHA 10 Certificates Earned

**2,871** PACT Certificates Earned

# CAREERS IN CONSTRUCTION COLORADO GUEST SPEAKER SIGN UP

Follow the QR code below to come speak to our students about your career path!

Contact Marlo Asher for more information  
[Marlo@cshba.com](mailto:Marlo@cshba.com) 719-592-1800 x118

## CAREERS IN CONSTRUCTION COLORADO

#### WHO WE ARE

Careers in Construction Colorado is a 501c3 Non-profit in Colorado Springs, Colorado. This program was started in 2015 by the Housing and Building Association of Colorado Springs, and CICC became a separate 501c3 entity in 2019.

#### WHAT WE DO

We bring construction based vocational education into high schools. Through this program students earn certificates which are recognized by the United States Department of Labor, and can acquire internships, job shadows, and entry level jobs in the construction industry.

### SCHOOL LIAISONS

Colorado Springs Schools have the incredible resource that are the Careers in Construction Liaisons. These liaisons are in each school twice a month to educate and assist students in finding career pathways that are best for them. They are the direct connection between our students and employers in the construction industry. The four outcomes of School Liaisons are as follows:

Pathways into the construction industry

Identifying and training for employability skills

Job Readiness: resumes, interviews, and hiring process

Facilitate job shadows, internships, guest speakers, and employment

### YOUR STUDENT IS IN OUR CLASS!

#### HOME BUILDERS INSTITUTE

Careers in Construction Colorado uses curriculum provided by the Home Builders Institute. HBI training experience is the nationally recognized, patented Pre-Apprenticeship Certificate Training (PACT) curriculum. Vetted by subject matter experts, PACT guarantees every student masters the knowledge needed to be employed in an entry-level job in the building industry. Students can earn up to 14 stackable certificates recognized by the US Department of Labor and the Colorado Department of Labor

#### YEAR 1 CURRICULUM

**PRE-APPRENTICESHIP CERTIFICATE TRAINING (PACT) PACT Core Trainings:**

Unit 1: Introduction to the Building Trades
Unit 2: Construction Math
Unit 3: Tool Identification & Construction Materials
Unit 4: Employability
OSHA 10 Safety Training Certificate

## GET YOUR TEEN ON A PATH TO AN INCREDIBLE CAREER

### CAREERS IN CONSTRUCTION COLORADO

#### WHO WE ARE

In 2015, Careers in Construction was created by the Housing & Building Association of Colorado Springs and the Associated General Contractors of Colorado to facilitate and fund construction based vocational education in high schools.

#### WHAT WE DO

We partner with entities that provide educational courses focused on true construction based vocational education, as well as develop effective job placement platforms to place students in the construction industry.

## FEBRUARY IS CTE MONTH!

#### What is CTE?

Career and Technical Education, or CTE, is education that directly prepares students for high-wage, high-demand careers. CTE incorporates many different forms of education, from classroom learning, to certification programs, to work-based learning opportunities outside the classroom.

#### What is CTE Month?

CTE Month is a public awareness campaign that takes place each February to address the value of these careers and celebrate the achievements and accomplishments of CTE programs, like Careers in Construction Colorado.

#### How to Participate in CTE Month?

- Participate in a Job Shadow.
- Virtually Tour an active construction site.
- Be thinking of possible careers you would like to explore!
- Reach out to Careers in Construction Colorado staff to learn more about job shadows, internships, and employment opportunities.

Find us on Facebook: [CareersInConstructionCO](https://www.facebook.com/CareersInConstructionCO)  
Follow us on Instagram: [CareersInConstruction](https://www.instagram.com/CareersInConstruction)

Talk to your counselor about CTE opportunities or visit our website at [CICColorado.org](http://CICColorado.org)



# BRAND AND PROGRAM BOOKLETS

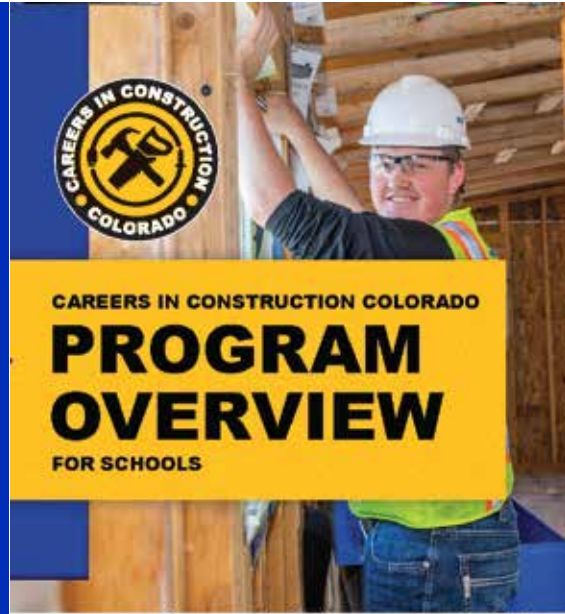


CAREERS IN CONSTRUCTION COLORADO

## BRAND STANDARDS

### Program Overview

Overview for Chapters



## STICKERS FOR STUDENTS

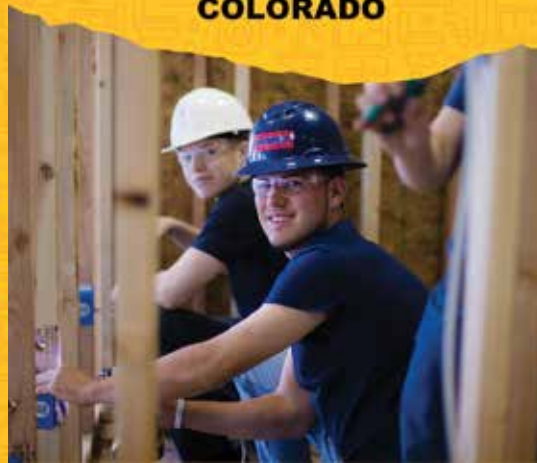


## SOCIAL MEDIA TEMPLATES

CAREERS IN CONSTRUCTION COLORADO



CAREERS IN CONSTRUCTION COLORADO



CAREERS IN CONSTRUCTION COLORADO

