

## CAREERS IN CONSTRUCTION COLORADO

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

- |   |   |   |  |
|---|---|---|--|
| <ul style="list-style-type: none"> <li>Framing Technician</li> <li>Architect</li> <li>Roofing</li> <li>Cabinet Maker</li> <li>Carpenter</li> <li>Electrician</li> <li>Plumber</li> <li>Concrete Finisher</li> <li>Concrete Form Setter</li> <li>Crane Operator</li> <li>Dock Installer</li> <li>Dry Waller</li> <li>Ductwork Fabricator</li> <li>Elevator</li> <li>Energy Tester</li> <li>Engineer</li> </ul> | <ul style="list-style-type: none"> <li>Estimator</li> <li>Exterior Trim Carpenter</li> <li>Fence</li> <li>Finish Carpenter</li> <li>Glazier</li> <li>Flooring Installer</li> <li>Framing Carpenter</li> <li>Foundation Waterproofing</li> <li>Fraser</li> <li>Garage Door Installer</li> <li>Gas Installer</li> <li>Gutter Installer</li> </ul> | <ul style="list-style-type: none"> <li>Glazier / Glass Installer</li> <li>Heavy Equipment Operator</li> <li>HVAC Carrier</li> <li>House Wrap Installer</li> <li>HVAC Installer</li> <li>HVAC Technician</li> <li>Insulation Installer</li> <li>Insulator</li> <li>Interior Plasterer</li> <li>Joiner</li> <li>Laminate Counter-top Installer</li> <li>Landscaper</li> <li>Locksmith</li> <li>Low Voltage Installer</li> <li>Machinist</li> <li>Mason</li> </ul> | <ul style="list-style-type: none"> <li>Mechanical Drafter</li> <li>Metal Fabricator</li> <li>Millwright</li> <li>Painter</li> <li>Perimeter Drain Installer</li> <li>Pipe Layer</li> <li>Pipe Fitter</li> <li>Plasterer</li> <li>Plumber</li> <li>Refrigeration Tech</li> <li>Resewing Wall Installer</li> <li>Rigid Insulator</li> <li>Roofer</li> <li>Roofing Installer</li> <li>Safety Ball Installer</li> <li>Sheetrock Finisher</li> <li>Sheetrock Installer</li> <li>Sider</li> <li>Sprinkler Fitter</li> <li>Solid Surface Builder</li> <li>Steam Fitter</li> <li>Steel Supplier</li> <li>Stucco Finisher</li> <li>Stucco Installer</li> <li>Trash Company</li> <li>Trim Carpenter</li> <li>Truck Driver</li> <li>Truss Designer</li> <li>Wall Tie Setter</li> <li>Welder</li> <li>Window Installer</li> <li>Window Well Installer</li> </ul> |
|---|---|---|--|

### 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

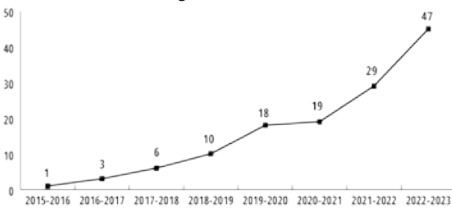
- Common construction degrees are architecture, engineering, and construction management
- Average cost of a bachelors degree in Colorado is \$63k
- Full time and part time options available at most schools

"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

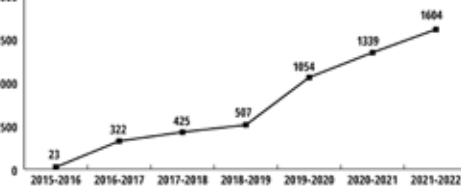
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## CAREERS IN CONSTRUCTION CUMULATIVE STATISTICS

### High School Locations



### Student Enrollment



### Student Survey Results 2022



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## HOME BUILD PROGRAM

### WHO WE ARE

Careers in Construction Colorado is a 501(c)(3) 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 501(c)(3) 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 without 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



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## CAREERS IN CONSTRUCTION COLORADO



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### CUMULATIVE CICC SUCCESS



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### SCHOOL LIAISONS

Colorado Springs Schools have the incredible resource that are the Careers in Construction School 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 Training:

- 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

## 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!



### 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

#2

#### CORE

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

#### And More!

#### ELECTRICAL

- Installing circuit panels
- Installing conduit and wiring
- System testing and repairs

#### And More!

#### CARPENTRY

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

#### And More!

#### PLUMBING

- Installing and repairing plumbing systems
- Cutting and joining pipe
- Installing fixtures and appliances

#### 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!

## 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  
Follow us on Instagram: @CareersInConstructionCO

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



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

Powered by:



Contact Info:  
719-592-1800

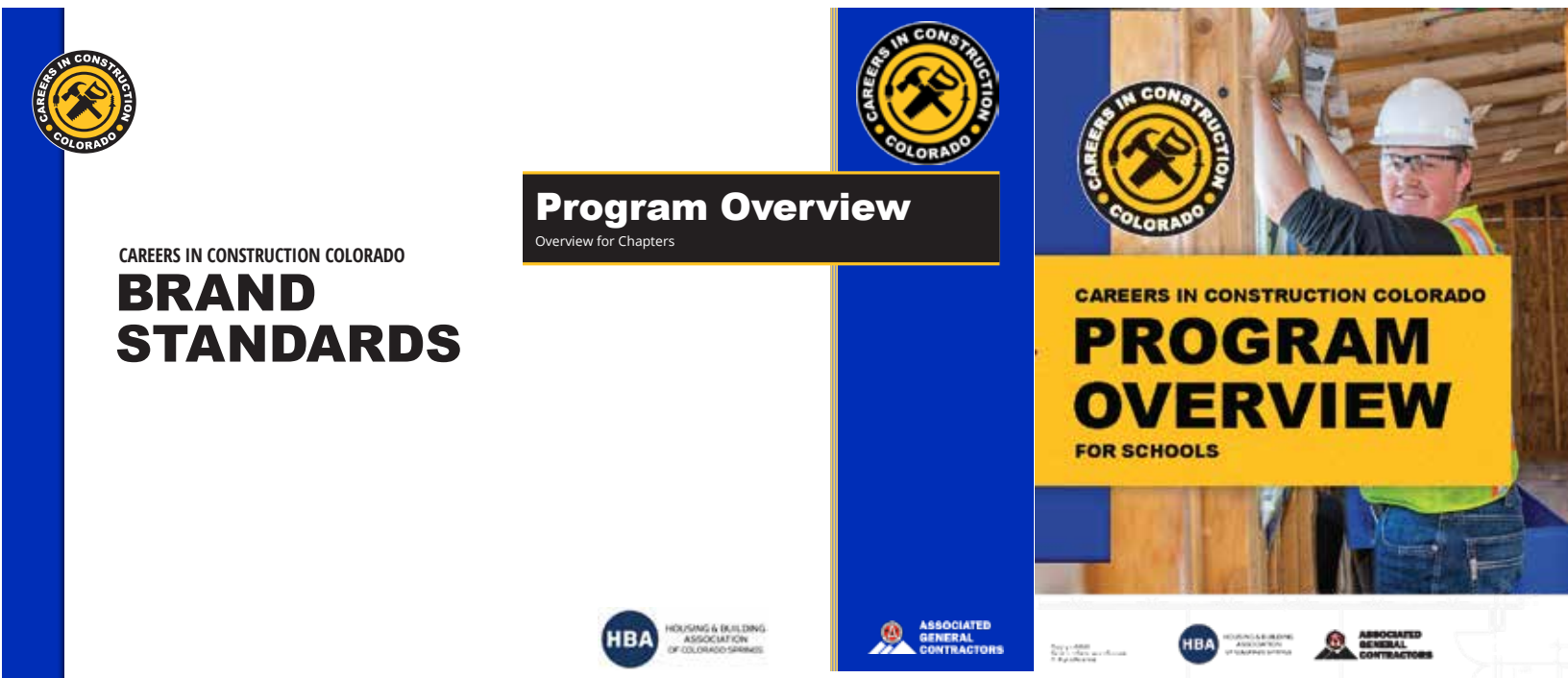
4585 Hilton Parkway  
Colorado Springs, CO 80907



ASSOCIATED GENERAL CONTRACTORS



# BRAND AND PROGRAM BOOKLETS



## STICKERS FOR STUDENTS



## SOCIAL MEDIA TEMPLATES

