



REAL LEARNING FOR REAL LIFE

Have you made or built something and had a sense of pride showing others your work?

Do you enjoy tackling problems and finding innovative solutions to improve things?

Do you want to build the next phase of the world for generations to come?

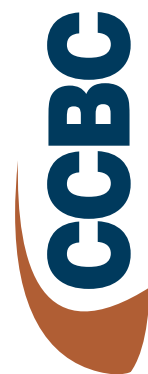
YOU BELONG HERE.

You can earn a certificate or associate degree in an industry-driven program in two years or less with CCBC's Mascaro Construction Technology and Management programs.

Designed to help students develop skills to have a successful career in the construction industry, these programs provide exposure to a variety of sectors in the construction industry, including commercial, residential, industrial, and heavy civil. The curriculum trains you on many technical aspects, such as materials, methods, equipment, estimating, scheduling, technology, and construction job site management, and also provides applicable problem-solving skills and access to emerging technologies.

After graduation, get ready to enter the construction industry either through union apprenticeships or entry-level jobs like estimator, drafter, technician, planner, or scheduler.

1 CAMPUS DRIVE
MONACA, PA 15061



MASCARO CONSTRUCTION TECHNOLOGY & MANAGEMENT

CERTIFICATE & ASSOCIATE DEGREE PROGRAM

**YOU
BUILD
HERE.**

CCBC

CORE COURSES

- Introduction to the Construction Industry
- Construction Measurement and Surveying
- Construction Safety, Quality, & Production
- Construction Drawings & Specifications
- Construction Methodology I
- Construction Methodology II
- Project Management
- Building Information Modeling
- Green Building

GENERAL EDUCATION COURSES

- College Algebra
- Introduction to Information Technology
- Interpersonal Communication
- Principles of Management
- English Composition
- Physical Science
- Introduction to Ethics
- Macroeconomics

DID YOU KNOW?

During the final semester, you take a capstone class where you'll use your new skills to work on a community or school-related project.

simcoachGAMES

Explore construction careers by downloading free games and apps developed here in Pittsburgh and experience what it's like to be on the job.



John Mascaro, President and CEO of Mascaro Construction, speaking to the Mascaro Construction Academy students during class.

A STRONG FOUNDATION: CAREER OUTLOOK

Construction is one of the fastest-growing occupations, with an expected growth of 11% through 2026. *Source: Bureau of Labor Statistics*

Over the next few years, more than \$5 billion of construction is projected for our region, generating the need for skilled professionals.

The tri-state region is growing, and markets like healthcare, education, technology, power, and energy are driving the need for construction workers to build and renovate facilities.

The average salary for a construction worker is \$40,000, and a construction manager can earn \$103,000. *Source: US News & World Report Best Jobs*

START CONSTRUCTING YOUR FUTURE TODAY! CONTACT US AT CONSTRUCTION@CCBC.EDU



CCBC.EDU/CONSTRUCTION

PAVING THE WAY: CAREER PATHWAYS AT-A-GLANCE

Skilled Trades

- Enter with a high school diploma
- 18 trades in Western PA (carpenters, laborers, electricians)
- Learn while you earn through apprenticeship programs
- Workers can be promoted to foreman and supervisor positions

Technical Careers

- Enter with an associate or technical degree
- Jobs include surveyors, inspectors, planners, and virtual design
- Combination of fieldwork and office work
- Utilize new technology to assist in the construction process

Management

- Requires a bachelor's degree or many years of experience
- Jobs include architects, engineers, general contractors, and project managers
- Requires good leadership and communication skills
- Many skilled tradespeople eventually start their own companies

