



COMMUNITY COLLEGE
OF BEAVER COUNTY
CCBC.EDU

*Real Learning
for Real Life*

Building Trades Technology and Management

Pathway for CTC Graduates
Associate in Applied Science



Scan to get started!

TO LEARN MORE CONTACT

Admissions
724-480-3504

Program Info:

The Building Trades Technology & Management degree is designed to help students, who have previously received training through a career and technical center, develop additional technical and managerial skills to set them up for successful careers within the construction industry.

WHAT WILL I LEARN?

The program has a strong emphasis on giving students applicable problem-solving skills, as well as introducing them to emerging technological practices.

CAREERS IN BUILDING TRADES AND TECHNOLOGY MANAGEMENT

Graduates of the program can either enter into the industry either through union apprenticeships or through entry level jobs including estimator, drafter, technician, planner, or scheduler.

RELATED CREDENTIALS

- Mascaro Construction High School Academy

CAREER AND TECHNICAL EDUCATION

Students will be awarded 17 college credits towards the Building Trades Technology degree upon graduation from a local Career and Technology center with an advanced NOCTI Exam score in one of these approved programs:

- Air Conditioning and Refrigeration (HVAC)
- Carpentry
- Electrical Occupations
- Greenhouse/Landscaping
- Masonry/Bricklaying
- Welding

CTC Graduates
Credits Earned 17

CURRICULUM

General Education - 22/23 Credits

Course	Credits
COMM 110 - Interpersonal Communication OR	3
COMM 201 - Public Speaking	
WRIT 101 - English Composition	3
MATH 130 - College Algebra OR	3/4
Math 129 College Algebra with Review	
BUSM 255 - Macroeconomics OR	3
SOCI 210 - Social Problems	
PHYS 105 - Physical Science	4
PHIL 110 - Introduction to Ethics	3
BUSM 112 - Principles of Management	3

Specialization Courses - 22/23 credits

Course	Credits
CNST 100 - Intro to Construction Industry	3
CNST 120 - Construction Safety, Quality, and Production	3
CNST 130 - Construction Drawings and Specs	4
CNST 200 - Project Management: Planning and Scheduling OR	4/3
BUSM 260 - Project Management	
CNST 230 - Construction Industry Estimating	3
CNST 240 - Intro to Building Information Modeling	3
CNST 260 - Sustainable Design and Green Building	3

Program Curriculum
Credits Required 44/46