



# EAST CENTRAL COLLEGE

## BUILDING CONSTRUCTION TECHNOLOGY

### ASSOCIATE OF APPLIED SCIENCE DEGREE AND CERTIFICATES

#### East Central College

1964 Prairie Dell Road  
Union, Missouri 63084  
636-584-6500  
www.eastcentral.edu

#### Admissions Office

ECC Campus  
636-584-6563  
admissions@eastcentral.edu

#### Program Contact

Student Services Call Center  
636-584-6563  
admissions@eastcentral.edu

#### Program Location

Four Rivers Career Center  
1978 Image Drive  
Washington, Missouri 63090  
636-239-0598

#### Program Faculty

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washington.k12.mo.us

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Robert.York@  
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East Central College is accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools  
30 N. LaSalle St., Suite 2400  
Chicago, Illinois 60602-2504  
800-621-7440

## THE CAREER

Construction laborers can be found on almost all construction sites performing a wide range of tasks from the very easy to the potentially hazardous. They can be found at building, highway and heavy construction sites; residential and commercial sites; tunnel and shaft excavations; and demolition sites.

Many of the jobs they perform require physical strength, training and experience. Construction laborers clean and prepare construction sites. They also remove trees and debris, tend pumps, compressors and generators, and build forms for pouring concrete.

## PROFESSIONAL TRAITS

Those pursuing a career in this field should:

- Have manual dexterity and solid eye-hand coordination
- Be in good physical condition
- Have a good sense of balance
- Be able to work as a member of a team
- Have the ability to solve arithmetic problems quickly and accurately

## EMPLOYMENT AND SALARY INFORMATION

The construction laborer profession is experiencing higher-than-average growth, per the U.S. Bureau of Labor Statistics. By 2022, the number of positions is expected to increase by 25 percent.

Median hourly earnings for construction laborers were \$14.02 (or \$29,160 per year) in May 2012.

## THE PROGRAM

The East Central College Building Construction program provides students with a solid understanding of the construction industry. It is offered at the ECC Washington site in partnership with Four Rivers Career Center.

Students enrolled in the program study building construction and participate in lab demonstrations in the well-equipped shop area. Areas of study include concrete, blueprint reading, surveying and layout, home maintenance, carpentry, electricity, plumbing, welding, sheet metal and preventative building maintenance.

Students should plan on attending full-time and can choose from a morning or afternoon time block. Those currently in high school can choose to articulate coursework to the AAS degree program and continue with the general education block of coursework at ECC.

## ADMISSIONS REQUIREMENTS

Students must have completed:

- ✓ High school diploma or the equivalent (documentation must be sent to the registration office)
- ✓ Application for admission
- ✓ A placement test as specified by the college (please note: some coursework requires minimum placement results)

## TRANSFER OPTIONS

The AAS degree is designed for students seeking employment immediately upon graduation. However, many of the credits, particularly the general education electives received with this degree, may qualify as transfer credit at four-year schools.

These decisions are made solely by the bachelor degree-granting institution, not ECC. Students seeking to transfer are advised to contact the institution of their choice before beginning a program or reviewing other degrees and coursework offered through East Central College.

■ **ROLLA**  
573-466-4100

■ **SULLIVAN**  
573-468-8287

■ **UNION**  
636-584-6588

■ **WASHINGTON**  
636-239-0598

WWW.EASTCENTRAL.EDU

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## PROGRAM OF STUDY

Students should plan on attending full-time and can choose from a morning or afternoon time block of building construction classes. Course schedule is subject to change. Please review the online college schedule at [www.eastcentral.edu](http://www.eastcentral.edu) for the most current academic offerings.

A- Course that is also part of the Certificate of Achievement program

S- Course that is also part of the Certificate of Specialization program

## YEAR 1

### FALL SEMESTER

COURSE	HOURS
FS 1000 Campus Orientation/ FS 1001 Foundation Seminar	1
EN 1223 English Comp I or EN 1233 Honors English Comp I	3
BC 1019 Building Construction I <sup>A, S</sup>	9
MT 1083 Applied Algebra & Trigonometry <sup>A, S</sup> or MT 1303 Intermediate Algebra <sup>A, S</sup>	3
<b>Total Hours</b>	<b>16</b>

### SPRING SEMESTER

COURSE	HOURS
BC 1029 Building Construction II <sup>A, S</sup>	9
EN 1333 English Comp II, EN 1343 Honors English Comp II or EN 1403 Technical Writing	3
Program Elective	3
PE Requirement	1
<b>Total Hours</b>	<b>16</b>

## YEAR 2

### FALL SEMESTER

COURSE	HOURS
BC 1039 Building Construction III <sup>A, S</sup>	9
HI 1000/ PS 1000 Constitutions Study Module History or Political Science Requirement	0
Science Requirement	3
Humanities Requirement	3
<b>Total Hours</b>	<b>18</b>

### SPRING SEMESTER

COURSE	HOURS
BC 1049 Building Construction IV <sup>A</sup>	9
BU 2881 Business & Industry Capstone <sup>A</sup>	1
Program Elective	3
Program Elective	2
<b>Total Hours</b>	<b>15</b>