

# BUILDING TECHNOLOGY



a construction carpenter in 2015 was \$15.49 an hour or \$32,224 annually, and the average salary was \$18.12 an hour or \$37,695 annually. Carpenters' District Council for our area reports the current average wage for a union residential carpenter is \$16.50 an hour and \$24.28 an hour for a union carpenter.

## Entry Requirements

Students are required to meet the minimum score on an assessment test. Washburn Tech offers the ACT WorkKeys. A score of 4 in both Reading for Information and Math is required. Other assessments or college coursework can be accepted in place of the WorkKeys exam. Please see a recruiter for details. Students also must complete an application and submit an official copy of all transcripts.

## Certifications

- OSHA-30 Construction
- NCCER Core
- Carpentry I

If you want a career that is hands-on, challenging and driven by deadlines, building technology might be made for you. A construction trades technician works on both commercial and residential projects, utilizing a wide range of skills and knowledge. Our program prepares you in several different areas, from surveying and concrete work to drywall and roof framing.

## Learning at Washburn Tech

This program covers basic theory and hands-on experience in carpentry, roof framing and masonry. Attending half-day, you can complete the program in two semesters and earn a 25-credit-hour technical certificate.

## Job and Salary Outlook

Employment is expected to grow much faster than average for construction carpenters. According to the Kansas Department of Labor, the average entry-level salary for

### CONTACT US:

785.670.2200  
877.588.7140

For more programs, enrollment and course schedule information, please contact Admissions. Financial Aid is available to those who qualify.

Washburn University Institute of Technology

5724 SW Huntoon St., Topeka, Kansas 66604 | 785.670.2200 | [washburntech.edu](http://washburntech.edu)

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## Course Descriptions

### Introductory Craft Skills:

Covers shop and job site safety, tool safety, personal protective devices, protective railings, proper storage and handling of construction materials and construction drawings

### OSHA-30 Hour Construction

**Industry Certificate:** covers basic OSHA regulations and safety

**Carpentry I:** covers the history of the construction trade, building materials, different fasteners and adhesives, hand and power tools and reading plans and elevations

**Technical Math I:** covers the use of basic math, measurements and signed numbers as well as problem-solving skills

### Floors, Walls & Ceiling

**Framing:** covers laying out and erecting floor, wall and ceiling sections

### Windows, Doors & Stairs:

introduces the methods and procedures used in the selection and installation of residential windows, doors and stairs

**Roof Framing:** covers the different types of roofs used in residential and commercial construction

**Masonry:** introduces the fundamentals of masonry work; students develop skills in the use of the tools, equipment, materials and techniques used in masonry



\* A list of required tools/books is on a separate sheet of paper and on our website, WashburnTech.edu. Students also will need to purchase supplies such as (but not limited to) pens/pencils, notebooks/paper, three-ring binder, etc. Students may purchase them at the vendor of their choice.

## CHECKLIST

Meet with recruiter

Take ACT WorkKeys\*

Submit transcript(s)

Pay enrollment fee

\*some exceptions apply

## TOTAL 2017-2018 PROGRAM COSTS (ESTIMATED) - HIGH SCHOOL

Enrollment fee	\$20
Tuition	FREE
All other fees	\$601
<b>TOTAL</b>	<b>\$621</b>

## ADDITIONAL ESTIMATED CHARGES

Tools/Books Estimate*	\$459
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## TOTAL 2017-2018 PROGRAM COSTS (ESTIMATED) - ADULT

Enrollment fee	\$50
Tuition	\$3,150
All other fees	\$601
<b>TOTAL</b>	<b>\$3,801</b>

## ADDITIONAL ESTIMATED CHARGES

Tools/Books Estimate*	\$459
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