

CONSTRUCTION CARPENTRY, BASIC CERTIFICATE



College(s): KK

Program Code: 0775

The Basic Certificate in Construction Carpentry prepares students for an entry level apprentice position with a construction contractor. The program provides instruction in tool safety and usage, construction materials, work site safety, blueprint reading, and mathematical concepts. Course content also includes an introduction to the trades and basic ARC welding. Theory and practical “hands-on” application are emphasized throughout the program. Students will receive the OSHA Construction Safety and Health 10-hour Certification and Scaffold Certification upon successful completion of the program.

Program Requirements

Code	Title	Hours
Required Program Core		
332TECH 409	Construction Safety	1
332TECH 410	Interior Construction I	4
332TECH 429	Basic Math & Specifications	2
332TECH 432	Basic Arc Welding	1
332TECH 448	Vocational Physical Training I	1
332TECH 462	Vocational Physical Training II	1
332TECH 463	Vocational Physical Training III	1
332TECH 581	Concrete Framing	2
332TECH 582	Residential Carpentry	2
332TECH 583	Basic Hand Tools	2
332TECH 767	Blueprint Reading I	2
330BSCM 532	Basic Computer Technology	1
Total Hours		20

Pathway

This is an **example course sequence** for students interested in Construction Carpentry. If this pathway is followed as outlined, student

will earn a Basic Certificate (BC) for Construction Carpentry. This does not represent a contract, nor does it guarantee course availability.

Semester-by-Semester Program Plan for Full-Time Students

Course	Title	Hours
Semester 1		
PHASE 1		
332TECH 409	Construction Safety	1
332TECH 448	Vocational Physical Training I	1
332TECH 429	Basic Math & Specifications	2
332TECH 583	Basic Hand Tools	2
330BSCM 532	Basic Computer Technology	1
PHASE 2		
332TECH 462	Vocational Physical Training II	1
332TECH 767	Blueprint Reading I	2
332TECH 581	Concrete Framing	2
332TECH 432	Basic Arc Welding	1
PHASE 3		
332TECH 410	Interior Construction I	4
332TECH 463	Vocational Physical Training III	1
332TECH 582	Residential Carpentry	2
Hours		20
Total Hours		20

Choose your courses with your College Advisor.

Careers

This program can prepare students for the jobs listed below. Click on each one to learn more, including average earnings, annual job openings, and how much education people in that field have. For additional guidance and resources on career options, current City Colleges students and alumni can contact the Career Services Office (<https://www.ccc.edu/departments/Pages/Career-Services.aspx>).

Helpers--Carpenters

Job Description

Help carpenters by performing duties requiring less skill. Duties include using, supplying or holding materials or tools, and cleaning work area and equipment.

Salary Based on Experience Level

Take a look at the average hourly/annual earnings for this career in Cook County

Emsi earnings figures are based on OES data from the BLS and include base rate, cost of living allowances, guaranteed pay, hazardous-duty pay, incentive pay (including commissions and bonuses), on-call pay, and tips.

Annual Wages

Entry-Level 10 th Percentile	\$21,960
Median 50 th Percentile	\$40,284
Senior-Level 90 th Percentile	\$63,702

Hourly Wages

Entry-Level 10 th Percentile	\$11
Median 50 th Percentile	\$19
Senior-Level 90 th Percentile	\$31

Annual Job Openings

14 annual openings in Cook County

National Education Attainment

Here, you can see the level of education that people in this career complete.

Degree Program	% of Jobs
A high school diploma or less	78.94%
A certificate	3.10%
Some college	17.96%
An Associate degree	0.00%
A Bachelor's degree	0.00%
A Master's or Professional degree	0.00%
A Doctoral degree or more	0.00%

0.00% continue their education beyond an associate degree

Construction Carpenters

Job Description

Construct, erect, install, and repair structures and fixtures of wood, plywood, and wallboard, using carpenter's hand tools and power tools.

Salary Based on Experience Level

Take a look at the average hourly/annual earnings for this career in Cook County

Emsi earnings figures are based on OES data from the BLS and include base rate, cost of living allowances, guaranteed pay, hazardous-duty pay, incentive pay (including commissions and bonuses), on-call pay, and tips.

Annual Wages

Entry-Level 10 th Percentile	\$23,990
Median 50 th Percentile	\$61,552
Senior-Level 90 th Percentile	\$97,109

Hourly Wages

Entry-Level 10 th Percentile	\$12
Median 50 th Percentile	\$30
Senior-Level 90 th Percentile	\$47

Annual Job Openings

1222 annual openings in Cook County

National Education Attainment

Here, you can see the level of education that people in this career complete.

Degree Program	% of Jobs
A high school diploma or less	72.43%
A certificate	17.12%
Some college	1.14%
An Associate degree	8.67%
A Bachelor's degree	0.60%
A Master's or Professional degree	0.05%
A Doctoral degree or more	0.00%

0.65% continue their education beyond an associate degree