

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 30-hour Certification and Scaffold Certification upon successful completion of the program.



Program Requirements

Code	Title	Hours
Required Program Core		
332TECH 410	Interior Construction I	4
332TECH 429	Basic Math & Specifications	2
332TECH 432	Basic Arc Welding	2
332TECH 449	Professional Development	2
332TECH 472	Vocational Physical Training	2
332TECH 581	Concrete Framing	2
332TECH 582	Residential Carpentry	2
332TECH 583	Basic Hand Tools	2
432CMGT 604	Blueprint and Specifications	3
432CMGT 609	Construction Safety II	3
CIS 120	Introduction to Computer Applications	3
Total Hours		27

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

Semester 1		Hours
PHASE 1		
CIS 120	Introduction to Computer Applications	3
432CMGT 604	Blueprint and Specifications	3
432CMGT 609	Construction Safety II	3
332TECH 429	Basic Math & Specifications	2
332TECH 432	Basic Arc Welding	2
332TECH 472	Vocational Physical Training	2
332TECH 583	Basic Hand Tools	2
PHASE 2		
332TECH 410	Interior Construction I	4
332TECH 449	Professional Development	2
332TECH 581	Concrete Framing	2
332TECH 582	Residential Carpentry	2
Hours		27
Total Hours		27

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

Lightcast 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	\$36,766
Median 50 th Percentile	\$42,131
Senior-Level 90 th Percentile	\$54,801

Hourly Wages

Entry-Level 10 th Percentile	\$18
Median 50 th Percentile	\$20
Senior-Level 90 th Percentile	\$26

Annual Job Openings

9 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

Carpenters

Job Description

Construct, erect, install, or repair structures and fixtures made of wood and comparable materials, such as concrete forms; building frameworks, including partitions, joists, studding, and rafters; and wood stairways, window and door frames, and hardwood floors. May also install cabinets, siding, drywall, and batt or roll insulation. Includes brattice builders who build doors or brattices (ventilation walls or partitions) in underground passageways.

Salary Based on Experience Level

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

Lightcast 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	\$28,779
Median 50 th Percentile	\$58,489
Senior-Level 90 th Percentile	\$105,937

Hourly Wages

Entry-Level 10 th Percentile	\$14
Median 50 th Percentile	\$28
Senior-Level 90 th Percentile	\$51

Annual Job Openings

1118 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	70.13%
A certificate	21.46%
Some college	8.41%
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 Managers

Job Description

Plan, direct, or coordinate, usually through subordinate supervisory personnel, activities concerned with the construction and maintenance of structures, facilities, and systems. Participate in the conceptual development of a construction project and oversee its organization, scheduling, budgeting, and implementation. Includes managers in specialized construction fields, such as carpentry or plumbing.

Salary Based on Experience Level

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

Lightcast 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	\$52,073
Median 50 th Percentile	\$88,380
Senior-Level 90 th Percentile	\$166,974

Hourly Wages

Entry-Level 10 th Percentile	\$25
Median 50 th Percentile	\$42
Senior-Level 90 th Percentile	\$80

Annual Job Openings

718 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	5.00%
A certificate	0.00%
Some college	0.00%
An Associate degree	5.00%
A Bachelor's degree	90.00%
A Master's or Professional degree	0.00%
A Doctoral degree or more	0.00%

90.00% continue their education beyond an associate degree