CERTIFICATE

Certificate in Construction Technology - Carpentry

Total Credit Hours: 30

About Certificate in Construction Technology - Carpentry

The Certificate in Construction Technology Program will prepare students for the current local and global job market with entry-level skills needed for any of the following fields: carpentry; electricity; heating, ventilation, and air conditioning (HVAC); masonry; plumbing; reinforcing metal worker; and welding. All students must successfully pass four (4) core courses (technical related requirements) with a "C" or better before enrolling in one (1) of the seven (7) concentration areas.

REQUIREMENTS FOR CERTIFICATE

Carpentry Track
Major Requirements

Course	Course Name	Credits
AE103	Basic Blueprint Reading	3
AE121	Technical Engineering Drawing I	3
CT100	Introduction to Construction Trades	3
CT140	Industrial Safety	3
CT153	Introduction to Carpentry	3
CT154A	Masonry Level I	4
CT173	Rough Framing and Exterior Finishing	3
CT292	Construction Practicum	3
HL135	Heartsaver First Aid CPR AED	1
MA094	Mathematics for the Trades	4
Certificate Total Minimum		

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GENERAL REQUIREMENTS FOR CERTIFICATE

General Requirements for Certificates

Effective fall Semester 2003, several academic policy changes were implemented to ensure that students are adequately prepared to meet business and industry standards. All Undeclared or newly Declared Students enrolled in regularly scheduled postsecondary courses must be enrolled in or must have completed developmental coursework for Math and English or have successfully placed into post-secondary Math and English (or equivalent).

Students must fulfill the English general education requirement by the time they have enrolled in 12 credits of classes. This means that students may take only nine (9) credits before they must begin meeting the general education requirements. All declared students in Certificate programs will be required to successfully complete minimum general education course requirements. For more information, refer to the Admissions Information, General Education Policy section of this catalog.

A. General Education Requirements
Students must demonstrate proficiency in reading, writing, understanding and speaking English as indicated by one of the following:

- Test out of the English Placement Test (or equivalent), or
- Satisfactory completion of EN097 courses and
- Test out of the Math Placement Test (or equivalent), or
- Satisfactory completion of MA098 course

*Students in the Certificate of Construction Technology program can successfully complete their math requirements with MA094 Mathematics for the Trades in lieu of MA098 Intermediate Algebra.

B. Major Requirements. Total Major Requirements vary by program. Minimum Total Credits Required for a Certificate is 30 credits.

* No course may be counted for both Major and General Education requirements.
** Placement testing is not mandatory for admission to the College. Completion of placement testing or equivalent, however, is required for enrollment into English and mathematics courses. Therefore, students who plan to enroll full-time in a program should take the placement test to be eligible for a full load of courses.
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Student Learning Outcomes
Upon successful completion of the Certificate in Construction Technology program, students will be able to:

1. Demonstrate basic skills needed to function as an entry-level worker in at least one construction trades concentration area in accordance with industry safety standards: carpentry; electricity; heating, ventilation, and air-conditioning (HVAC); masonry;

2. Exhibit entry-level knowledge in chosen construction trades concentration area.
3. Demonstrate professionalism as related to the construction trades industry.

Check out some of these amazing Certificate in Construction Technology - Carpentry courses...

CT153 Introduction to Carpentry

This introductory course is designed to familiarize students with the use, care, safe operations and maintenance of hand and power tools; to develop their skills in the use, care, and safe handling of supplies and materials; and to provide them with occupational information about carpentry.
+ More Info [1]

CT193 Cabinet Making and Millwork

Content Coming Soon
+ More Info [2]

CT173 Rough Framing and Exterior Finishing

This course concentrates on basic structure construction, which includes footing and foundation, sill, floor, wall partition, roof framing, and door and window framing.
+ More Info [3]

You may also be interested in these related Programs...

[4]

[Certificate in Construction Technology - Heating, Ventilation, and Air-Conditioning (HVAC)](#) **[4]**

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[+ More Info](#) [4]

[5]

[Certificate in Construction Technology - Electricity](#) **[5]**

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+ More Info [5]

[6]

Certificate in Computer Aided Design & Drafting (CADD) [6]

Computer Aided Design and Drafting (CADD) systems are used by drafters to prepare electronic drawings that can be viewed, printed, or programmed directly into automated manufacturing systems.
+ More Info [6]