



Carpentry Certificate - 30 credits

Program Area: Carpentry (Fall 2018)

*****REMEMBER TO REGISTER EARLY*****

Program Description

The Carpentry program prepares students to build and repair structures in compliance with existing codes. Students learn skills needed for residential and commercial construction including blueprint reading, material estimating, cabinet building, and framing. Students will work with a variety of hand tools, power tools, and construction equipment, and have learning experiences both on and off-campus.

Program Outcomes

- Frame floors, walls, roofs using wood and steel.
- Install exterior finish components.
- Install interior finish components.
- Coordinate construction activities.
- Perform construction activities safely.

Pre-program Requirements

To begin your carpentry career, you need to be at a specific skill level in English/reading and mathematics.

English/Reading:

- A score of 78 or higher on the reading comprehension portion of the Accuplacer, or
- Completion of ENGL/READ 0950 or 0955 (or equivalent course or higher). ENGL/READ 0950 may be taken concurrently with Semester I coursework.

Mathematics:

- A score of 33 or higher on the **Elementary Algebra Skills** portion of the Accuplacer, or
- Completion of MATH 0520 (or equivalent course or higher). MATH 0520 may be taken concurrently with Semester I coursework.

Required Courses

Number	Name	Credits	Term
CARP1402	OSHA Training	1	
CARP1404	Tool and Machine Safety	1	
CARP1406	Blueprint Reading	2	
CARP1410*	Framing Principles I	2	
CARP1412*	Carpentry Framing Lab I	1	
CARP1413*	Carpentry Framing Lab II	4	
CARP1416*	Roof Covering	1	
CARP1418*	Cabinetmaking I	1	
CARP1420*	Carpentry Leveling and Layout Methods	1	
CARP1422*	Metal Framing	1	
CARP1408*	Foundations and Concrete	1	
CARP1502*	Interior Finish I	1	
CARP1504*	Carpentry Interior Lab I	1	
CARP1505*	Carpentry Interior Lab II	3	
CARP1508*	Exterior Finish I	1	
CARP1510*	Carpentry Exterior Lab I	1	
CARP1511*	Carpentry Exterior Lab II	3	
CARP1518*	Cabinetmaking II	2	
CARP1520*	Estimating for Carpentry	2	

Total Credits **30**

*Requires a prerequisite or a concurrent course

For interpretation of test results and selection of appropriate coursework; or general information about the program, admissions, financial aid, and getting started at LSC, contact the professional advising team at: pat@lsc.edu or 218-733-7601



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For more information about the Carpentry Certificate including course descriptions, course prerequisites, the gainful employment disclosure, and potential career opportunities, see program website:

<https://degrees.lsc.edu/construction/>

- or -

Contact Faculty Advisor:

John Calcaterra: j.calcaterra@lsc.edu or 218-733-1055



MINNESOTA STATE

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