

*****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. The student will have the opportunity to act as a lead carpenter, experiencing being in charge of other workers and acting as supervisor on a construction project activity. The inclusion of a 15-credit General Education component diversifies the student's training and enhances transfer opportunities to other institutions of higher learning.

Program Outcomes

- Install floor, walls, and roofs.
- Install exterior finishes.
- Install interior finishes.
- Estimate building materials.
- Read construction blueprints.
- Perform carpenter activities safely.
- Coordinate construction activities.
- Acquire building materials.
- Supervise and act as a lead carpenter.
- Strengthen knowledge in General Education fields.

Required Courses

Number	Name	Credits	Term
CARP 1402	OSHA Training	1	
CARP 1404	Tool and Machine Safety	1	
CARP 1406	Blueprint Reading	2	
CARP 1410*	Framing Principles I	2	
CARP 1412*	Carpentry Framing Lab I	1	
CARP 1413*	Carpentry Framing Lab II	4	
CARP 1416*	Roof Covering	1	
CARP 1418*	Cabinetmaking I	1	
CARP 1420*	Carpentry Leveling and Layout Methods	1	
CARP 1422*	Metal Framing	1	
CARP 1408*	Foundations and Concrete	1	
CARP 1502*	Interior Finish I	1	
CARP 1504*	Carpentry Interior Lab I	1	
CARP 1505*	Carpentry Interior Lab II	3	
CARP 1508*	Exterior Finish I	1	
CARP 1510*	Carpentry Exterior Lab I	1	
CARP 1511*	Carpentry Exterior Lab II	3	
CARP 1518*	Cabinetmaking II	2	
CARP 1520*	Estimating for Carpentry	2	
COMM 1601	Interviewing Procedure and Practice	1	
Choose 14	credits from the following: (Other courses may be allowed as electives with program advisor approval)	14	
ALTH 1430	First Aid & CPR/AED for Health Care Professionals (1 cr)		
ALTH 1435*	First Aid and Community CPR/AED (1cr)		
CARP 2404*	Lead Carpenter Floor Framers (2 cr)		
CARP 2406*	Lead Carpenter Wall Framers (5 cr)		
CARP 2408*	Lead Carpenter Roof Framers (3 cr)		
CARP 2410*	Lead Carpenter Stair Framers (3 cr)		
CARP 2412*	Lead Roofer (2 cr)		
CARP 2414*	Lead Carpenter Interior Finisher (4 cr)		
CARP 2416*	Lead Carpenter Exterior Finisher (4 cr)		
CARP 2510	Carpenter Internship (3-5 cr)		
General Education Electives	Choose from at least three different Goal Areas of the Minnesota Transfer Curriculum	15	

Total Credits 60

*Requires a prerequisite or a concurrent course.

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ALTH1435 may be taken after completion of first year coursework
CARP2510 is only permitted with the completion of 1st year and GPA of 3.0 or better

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
- ENGL/READ 0950 may be taken concurrently with Semester I coursework.
- Completion of ENGL/READ 0950 or 0955 (or equivalent course or higher).

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.

*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](mailto:pat@lsc.edu) (pat@lsc.edu) or 218-733-7601*

For more information about the Carpentry AAS including course descriptions, course prerequisites, and potential career opportunities, see the [program website](https://degrees.lsc.edu/carpenter/) (https://degrees.lsc.edu/carpenter/)

or

Contact Faculty Advisor, [John Calcaterra](mailto:john.calcaterra@lsc.edu) (john.calcaterra@lsc.edu) or 218-733-1055



MINNESOTA STATE

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