



Carpentry Diploma - 45 credits
Program Area: Carpentry (Fall 2017)

*****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.

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.

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

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	
COMM1601	Interviewing Procedure and Practice	1	
Choose 14 credits from the following:**			
ALTH1435*	First Aid and Community CPR/AED (1cr)	14	
CARP2404*	Lead Carpenter Floor Framer (2 cr)		
CARP2406*	Lead Carpenter Wall Framer (5 cr)		
CARP2408*	Lead Carpenter Roof Framer (3 cr)		
CARP2410*	Lead Carpenter Stair Framer (3 cr)		
CARP2412*	Lead Roofer (2 cr)		
CARP2414*	Lead Carpenter Interior Finisher (4 cr)		
CARP2416*	Lead Carpenter Exterior Finisher (4 cr)		
CARP2510***	Carpenter Internship (3-5 cr)		
Total Credits			45

*Requires a prerequisite or a concurrent course

**Other courses may be allowed as electives with program advisor approval

***CARP2510 is only permitted with the completion of 1st year and GPA of 3.0 or better



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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 at: pat@lsc.edu or 218-733-7601*

For more information about the Carpentry Diploma 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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