



Bridges Career Academy

Carpentry Technology

Little Falls High School

Acquire basic woodworking skills and the information needed to understand today's carpentry industries. Learn to read blue prints, and develop skills using tools to work with different types of wood while developing the understanding of safety required for using machines to complete projects. Construct projects from designing to completion. Gain entry-level employment or continue education.

Academic Courses

- Woods I
- Woods II
- Wood Machines

Career Experiences

- Learn from industry speakers
- Attend the Bridges Career Exploration Day or other regional career fairs
- Participate in job shadows

Completion Standards

COMPLETE

All courses

GRADES **B** ↑

Earn a **certificate**
and **green cord**
at graduation



Explore types of careers

www.careerwise.minnstate.edu/careers

Review the local job outlook

www.careerwise.minnstate.edu/jobs

Find postsecondary programs

www.careerwise.minnstate.edu/education

Job Skills

In addition to having technical skills, employers expect workers in this industry to have these skills:

- Understanding planning and time management
- Use critical thinking and problem-solving skills
- Work precisely and manage tools and equipment
- Following directions
- Teaming skills
- Work safely



Carpentry Technology Career Academy

Little Falls High School

The Carpentry Technology Academy allows students to acquire not only basic woodworking but also gain the information needed to understand today's carpentry industries. In the courses, students learn to read blue prints, and develop skills in using the tools for working with different types of wood while developing the understanding of safety required for using machines to complete projects. Students construct projects from designing to completion. With the variety of career opportunities in the construction industry, students will be prepared to go directly to employment or further their education when completing this Academy.

ACADEMY COURSES

Woods I — .5 High School Credits

This is an introductory level woodworking course where students learn the fundamentals of woodworking, safety, wood joinery and equipment usage. Along with safety and machine knowledge, the students must be able to draw and read plans. While completing the requirement for this course, students will learn proper construction.

Woods II — .5 High School Credits

This course allows students to gain more knowledge of the woods areas, while making an advanced wood project. Along with safety and machine knowledge students will design their project and complete the construction.

Wood Machines — .5 High School Credits

This course is the start of woodworking courses with prime emphasis on the safe and proper operation of all woodworking machines. Demonstrations will be conducted on each individual machine showing the safety that must be used and the skills that can be accomplished. Students will be tested on the machines and they must pass a safety test before lab work can begin.

COMPLETION STANDARD

Students wishing to receive a certification must complete all courses; earn a minimum of a 'B' or better average grade.

CAREER EXPERIENCES

Students will explore and research careers with industry speakers, attend Bridges Career Exploration Day and other career fairs, view industry videos, and work on personal projects. Students will be given opportunities to job shadow and listen to speakers from industry.

JOB SKILLS

In addition to having technical skills, employers expect their workers to have other skills such as:

- Understanding planning and time management
- Teaming skills
- Use critical thinking and problem-solving skills
- Work safely
- Work precisely and manage tools and equipment
- Following directions

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