



# Career EXCErate | Wisconsin

Personalized Job Training and Support Services to Transform Lives

A collaborative program from Goodwill NCW, FVTC and Rawhide



## Career Educational Pathway Woodworking Technician

### Description

#### Layout and Sawing Operations

This course is an introduction to layout and measuring techniques using fractions and decimal units, laying out angles, circles, and other geometry. The hand tool unit uses marking tools, hand saws, chisels, and hand planes. The machinery used in this course are the jig saw, up-cut saw, bandsaw, miter saw, and table saw. The focus of this course is developing skills on the table saw to create accurate cross-cuts, rips, dadoes, grooves, and rabbets to specification. A capstone project is included to showcase the gained knowledge.

#### Milling Operations

This course focuses on the processes used to machine material to specific sizes and shapes. The jointer, surfacer, hand router, and table router are used to achieve the skills needed to gain a working knowledge of these processes. Proper gluing, clamping, and milling techniques are taught in this course.

#### Material Properties and Applications

This is an introduction to the physical properties of wood and wood related products. Learn to differentiate between species and identify many species of wood by recognizing the characteristics and properties of the material. Several additional units cover adhesives, abrasives, fasteners, sheet goods, and lumber grading.

### Who Should be in this Program

These courses should be taken by people interested in pursuing a career in the secondary wood processing industries. These industries include cabinet and furniture manufacturing as well as interior and exterior millwork, closet manufacturing, and a wide variety of specialized opportunities such as aircraft and yacht interiors, restaurant and store fixtures, and custom stair building.



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## Program

Woodworking Technician 1

216 hours | January 2024

- Layout and Sawing Operations (72 hours, 31-409-317)
- Milling Operations (72 hours, 31-409-319)
- Material Properties and Applications (72 hours, 31-409-302)

## Class Schedule

Woodworking Technician (Three course cohort)

Instructor: TBD

Location: S.J. Spanbauer Center, Room 193, Oshkosh

Term: Spring 2024

Class Dates: 1/16/24 - 5/16/24 (no classes 2/13, 3/12 - 3/14, 4/3, or 4/25)

Schedule: Tuesdays, Wednesdays, and Thursdays, 4:30 pm - 9:00 pm



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or call or text: 920-204-7002

