

[Announcements](#)

Spring 2026 College of the Redwoods

CT-152-E0484 Open Lab for Woodworking



Course Information

Semester & Year: Spring 2026

Course ID & Section #: CT-152-E0484

Instructor's name: Will Madaras

Day/Time of required meetings: Tuesday, Thursday 02:30PM - 03:55PM

Location: Applied Technology, Room 109

Number of proctored exams: 0

Course units: 1.0

No Materials Fee for this class.

Instructor Contact Information

Will Madaras:

Office Location: AT-109 (wood lab). Office hours: Variable/available upon request Monday – Friday

Phone Number: Wood Lab 476-4100 extension 4623
Email address: william-madaras@redwoods.edu

Required Material

Safety glasses, tape measure, pencils, hearing protection

Catalog Description

Special studies for students currently enrolled in woodworking courses. Special studies include but are not limited to improving hand tool skills, developing jigs and fixtures, hand cut joinery, wood turning, finishing techniques, and woodworking machinery set-up, operation, and maintenance.

Course Student Learning Outcomes

- 1. Research, design, and construct woodworking projects in collaboration with the instructor.
- 2. Demonstrate improvement of woodworking skills attained through repetition and innovation.

Course Calendar

01/20/2026-05/14/2026 Laboratory/Studio/Activity Tuesday, Thursday 02:30PM - 03:55PM

COLLEGE OF THE REDWOODS

CT-152

Note: Lack of planning on your part (Missing workdays throughout the semester)

does not constitute an emergency on your instructor's part.

Caveat: The above schedule and procedures are subject to change in the event of extenuating circumstances.

Evaluation & Grading Policy

Grading Options:

- Pass/No Pass
- Letter Grade Methods

Grades and Success are determined by attendance and participation.

NOTE: You may be withdrawn from this course for non-participation.

Classroom Policies

Class participation and Attendance policy: You are expected to attend every class session. Please arrive on time and be prepared to work. If you miss valuable instruction do not expect your instructor to repeat instruction at your convenience. Woodworking is a sequential process, if you fall behind it is very difficult to catch up.

Lack of planning on your part does not constitute an emergency on my part.

Clean-Up: Everyone is expected to clean up after themselves. Please spend a minimum of 15 minutes at the end of each class meeting helping to keep the shop clean and orderly. This is a safety issue that all students need to be involved in.

Work Habits: Developing good work habits is one of the objectives of any vocational course. Just as you would at a job, arrive to class on time, and ready to work. Work together with your classmates, develop a safe attitude, and put in a good effort each time you attend class.

Note: Please “check out” with your instructor before you leave.

Communication Guidelines:

Email is the best way to contact me: william-madaras@redwoods.edu.

Please put CT152 in the subject line to ensure a timely response. We will try to respond to any email within 24 hours. Also, regularly check your email and Canvas for updates.

Additional Policies:

Safety: Lab safety and coworker safety are your top priorities as a student woodworker. In addition to machine-specific safety rules, always keep in mind the following rules, and work toward developing a safety attitude.

- Wear safety glasses at all times.
- Use all the safety guards and other safety devices.
- Have the Instructor check special setups.
- Do not work with any tools or machinery unless the instructor is present.
- Do not work if you are intoxicated or under the influence of drugs.
- Report all accidents and injuries to the instructor immediately.

Student Code of Conduct Standards

All College of the Redwoods students are encouraged to familiarize themselves with, and conform to, college rules and regulations governing personal conduct on all campuses of the district as outlined in the current college catalog.

Electronic Devices: Do not answer your phone or engage in texting, gaming, or surfing the web during class time.

General Guidelines: Do not come to class stoned, drunk, or otherwise chemically compromised. If you do or if I have any reason to suspect you are, I will ask you to leave. The wood lab is inherently dangerous and is no place to be in an altered state of mind. If you have a medical condition or are using medication prescribed by a physician that may affect your ability to function in the lab, please discuss this with me.

NOTE: You may be withdrawn from this course for non-participation.

Covid 19

It is the intent of CR and your instructors to provide a safe, clean, Covid-free learning environment for you. If you feel that your health may have been compromised in any way, please contact your instructor immediately via email or phone. Please do not attend class if you feel sick or suspect an illness of any type. We must be considerate of the health of those around us.

It is recommended that you provide your own small, regularly used hand tools such as pencils, tape measure, chisels, etc. The fewer items we share the less likely we are to share our germs.

CAVEAT: The schedule and procedures for this course are subject to change in the event of extenuating circumstances.

Prerequisites / Co-requisites / Recommended Preparation

There are no Pre-Requisites for this class. However, Co-Requisites are as follows:

Co-Requisite: [CT16 - Architectural Millwork](#)

Students enrolled in this course must have updated and currently valid safety instruction and documentation. **Objectives**

- Jobsite safety practices.
- Proper use of hand and power tools.

Outcomes

- Apply critical thinking skills to appropriately select materials, tools, and machinery to create wood molding shapes.
- Practice appropriate woodshop safety for machinery setup, hand tools, and power tools.

OR

Co-Requisite: [CT21A - Survey of Wood Technology](#)

Students enrolled in this course must have updated and currently valid safety instruction and documentation. **Objectives**

- (LEC) 1. Generate a Bill of materials and cutting list to determine material needs.
- (LEC) 2. Analyze and evaluate successful woodworking methods for inclusion into personal projects.
- (LEC) 4. Organize and plan the sequence of operations required to produce woodworking projects.
- (LAB) 5. Create joinery using woodworking hand tools and machines.
- (LAB) 6. Demonstrate proper use of personal protective equipment and machinery safety devices.
- (LAB) 7. Safely operate woodworking machinery and tools.
- (LAB) 8. Analyze and prepare raw materials to meet job requirements.

Outcomes

- Select and safely use appropriate hand and power tools such as planes, chisels, drills, saws, and jointers to perform specific woodworking operations.
- Construct a variety of woodworking joints, including but not limited to mortise and tenon, dado, miter, dowel, half-lap and rabbet.
 1. Select and safely use appropriate hand and power tools to perform precise woodworking operations.
 2. Construct a variety of woodworking joints, such as mortise and tenon, dado, miter, dowel, half-lap and rabbet.
 3. Use time efficiently.

OR

Co-Requisite: [CT21B - Intermediate Wood Technology](#)

Students enrolled in this course must have updated and currently valid safety instruction and documentation. **Objectives**

- (LEC) 1. Generate a bill of materials and cutting list to determine material needs.
- (LEC) 2. Analyze and evaluate successful woodworking methods for inclusion into woodworking projects.
- (LEC) 4. Organize and plan the sequence of operations required to produce woodworking projects.
- (LAB) 5. Create complex woodworking projects using hand and power tools.
- (LAB) 6. Demonstrate proper use of personal protective equipment and machinery safety devices.
- (LAB) 7. Safely operate woodworking machinery and tools.
- (LAB) 8. Analyze and prepare raw materials to meet job requirements.

- (LAB) 9. Apply appropriate protective finishes to wood projects.

Outcomes

- Work safely in the woodworking shop using the hand tools and machinery presented during lectures.
- Construct a complex woodworking project that incorporates a variety of woodworking joints.
- Complete a project using a sequential process.
- 1. Select and safely use appropriate hand and power tools to perform precise woodworking operations.
- 2. Construct a complex woodworking project that incorporates a variety of woodworking techniques.
- 4. Adjust, manipulate, and safely operate specialized woodworking machinery.

OR

Co-Requisite: [CT55 - Advanced Wood Technology](#)

Students enrolled in this course must have updated and currently valid safety instruction and documentation. **Objectives**

- Increase the student's level of independence through work that is advanced in scope.
- Choose from a variety of options, a process for accomplishing a woodworking task.

Outcomes

- Demonstrate proper use and care for woodworking tools and machinery.
- Design, with instructor consultation, and complete an advanced woodworking project.

OR

Co-Requisite: [CT57A - Cabinetmaking and Millwork I](#)

Students enrolled in this course must have updated and currently valid safety instruction and documentation. **Objectives**

- Safely operate machinery and tools.
- Analyze and prepare materials to meet job requirements.
- Generate a cutting list to determine material needs.
- Fabricate casework using industry accepted joining methods.
- Store and handle raw and finished products in a protected manner.
- Demonstrate proper use of personal protective equipment and machinery safety devices.

Outcomes

- Operate and use cabinetmaking tools and machinery.

OR

Co-Requisite: [CT57B - Cabinetmaking and Millwork II](#)

Students enrolled in this course must have updated and currently valid safety instruction and documentation. **Objectives**

- (LEC) 1. Generate a cutting list to determine material needs.
- (LAB) 5. Fabricate casework, cabinet doors, and drawers using industry accepted joining methods.
- (LAB) 6. Store and handle raw materials and finished products in a protected manner.
- (LAB) 7. Demonstrate proper use of personal protective equipment and machinery safety devices.
- (LAB) 8. Safely operate machinery and tools.
- (LAB) 9. Analyze and prepare materials to meet job requirements.

Outcomes

- Safely set-up and operate machines specific to countertop, door and drawer construction.

OR

Co-Requisite: [CT57C - Cabinetmaking and Millwork III](#)

Students enrolled in this course must have updated and currently valid safety instruction and documentation. **Objectives**

- (LEC) 1. Generate a Bill of Materials and cutting list to determine material needs.
- (LEC) 2. Demonstrate the sequence of tasks in an advanced cabinet or carcass furniture project.
- (LAB) 5. Safely operate machinery and tools.
- (LAB) 6. Analyze and prepare materials to meet job requirements.
- (LAB) 8. Fabricate casework using industry accepted joining methods.
- (LAB) 10. Demonstrate proper use of personal protective equipment and machinery safety devices.

Outcomes

- Design and construct cabinets using hand and power tools.

OR

Co-Requisite: [CT57D - Cabinetmaking and Millwork IV](#)

Students enrolled in this course must have updated and currently valid safety instruction and documentation. **Objectives**

- (LEC) 1. Analyze and prepare materials to meet job requirements.
- (LEC) 3. Generate a cutting list to determine material needs.
- (LAB) 5. Fabricate advanced cabinets and millwork for the student built project house or personal use.
- (LAB) 6. Safely operate machinery and tools.
- (LAB) 7. Fabricate casework using industry accepted construction methods.
- (LAB) 8. Store and handle raw and finished products in a protected manner.
- (LAB) 9. Demonstrate proper use of personal protective equipment and machinery safety devices.

Outcomes

- Construct cabinets that are advanced in scope and complexity.

OR

Co-Requisite: [CT135 - Woodworking Hand Tools and Technique](#)

Students enrolled in this course must have updated and currently valid safety instruction and documentation. **Outcomes**

- Analyze wood and materials for appropriateness to the task of tool and project construction.

OR

Co-Requisite: [IT260 - Design/Prod of Solid Body Elec. Guitar](#)

Students enrolled in this course must have updated and currently valid safety instruction and documentation **Outcomes**

- Select and safely use woodworking hand tools, power tools, and specialty luthier tools.

Educational Accessibility & Support

College of the Redwoods is committed to providing reasonable accommodations for qualified students who could benefit from additional educational support and services. You may qualify if you have a physical, mental, sensory, or intellectual condition which causes you to struggle academically, including but not limited to:

- Mental health conditions such as depression, anxiety, PTSD, or bipolar disorder
- Common ailments such as arthritis, asthma, diabetes, autoimmune disorders and diseases
- Temporary impairments such as a broken bone, recovery from significant surgery, or a pregnancy-related disability
- Neurodevelopmental disorders such as a learning disability, intellectual disability, autism, acquired brain injury, or ADHD
- Vision, hearing, or mobility conditions

Available services include extended test time, quiet testing environments, academic assistance and tutoring through the [LIGHT Center](#), counseling and advising, alternate formats of course materials (e.g. audio books or E-texts), assistive technology, learning disability assessments, approval for personal attendants, interpreters, priority registration, on-campus transportation, adaptive physical education and living skills courses, and more. If you believe you might benefit from disability- or health-related services and accommodations, please contact [Student Accessibility Support Services \(SASS\)](#).

If you are unsure whether you qualify, please contact SASS for a consultation: SASS@redwoods.edu.

SASS office locations and phone numbers

Eureka campus

- Phone: 707-476-4280,
- Locations: Student Services building, first floor SS113

Del Norte campus

- Phone: 707-465-2353
- Location: Main building, near the Library

Klamath-Trinity campus

- 707-476-4280

Academic Integrity

In the academic community, the high value placed on truth implies a corresponding intolerance of scholastic dishonesty. In cases involving academic integrity, determination of the grade and of the student's status in the course is left primarily to the discretion of the faculty member. In such cases, where the instructor determines that a student has demonstrated a lack of academic integrity, the student may receive a failing grade for the assignment and/or exam and may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct (AP 5500) is available on the College of the Redwoods website. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the 2024-2025 College Catalog and CR Board and Administrative Policies.

Disruptive Behavior

Student behavior or speech that disrupts the instructional setting will not be tolerated. Disruptive conduct may include, but is not limited to: unwarranted interruptions; failure to adhere to instructor's directions; vulgar or obscene language; slurs or other forms of intimidation; and physically or verbally abusive behavior. In such cases where the instructor determines that a student has disrupted the educational process, a disruptive student may be temporarily removed from class. In addition, the student may be reported to the Chief Student Services Officer or designee. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the [2024-2025 College Catalog](#) and [CR Board and Administrative Policies](#).

Inclusive Language in the Classroom

College of the Redwoods aspires to create a learning environment in which all people feel comfortable in contributing their perspectives to classroom discussions. It therefore encourages instructors and students to use language that is inclusive and respectful.

Emergency Procedures / Everbridge

College of the Redwoods has implemented an emergency alert system called Everbridge. In the event of an emergency on campus you will receive an alert through your personal email and/or phones. Registration is not necessary in order to receive emergency alerts. Check to make sure your contact information is up-to-date by logging into [WebAdvisor](#) and selecting 'Students' then 'Academic Profile' then 'Current Information Update.'

Please contact Public Safety at 707-476-4112 or security@redwoods.edu if you have any questions. For more information see the [Redwoods Public Safety Page](#).

In an emergency that requires an evacuation of the building anywhere in the District:

- Be aware of all marked exits from your area and building
- Once outside, move to the nearest evacuation point outside your building
- Keep streets and walkways clear for emergency vehicles and personnel

Do not leave campus, unless it has been deemed safe by the campus authorities.

Eureka Campus Emergency Procedures

Please review the [campus emergency map](#) for evacuation sites, including the closest site to this classroom (posted by the exit of each room). For more information on Public Safety go to the [CR Police Department Public Safety](#) It is the responsibility of College of the Redwoods to protect life and property from the effects of emergencies within its own jurisdiction.

In the event of an emergency:

1. Evaluate the impact the emergency has on your activity/operation and take appropriate action
2. Dial 911, to notify local agency support such as law enforcement or fire services.
3. Notify Public Safety 707-476-4111 and inform them of the situation, with as much relevant information as possible.
4. Public Safety shall relay threat information, warnings, and alerts through the Everbridge emergency alert system, Public address system, and when possible, updates on the college website, to ensure the school community is notified.
5. Follow established procedures for the specific emergency as outlined in the College of the Redwoods Emergency Procedure Booklet, (evacuation to a safe zone, shelter in place, lockdown, assist others if possible, cooperate with First Responders, etc.).
6. If safe to do so, notify key administrators, departments, and personnel.
7. Do not leave campus, unless it is necessary to preserve life and / or has been deemed safe by the person in command.