Banner Title

Spring 2026

College of the Redwoods

Banner Image

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Course Information

Editor Only Note:

After editing and saving, you can create a PDF of your syllabus page by right clicking on your syllabus page and selecting print. in the Destination drop-down menu, select 'Save as PDF.' Submit this to your department secretary.

If you experience any difficulties, contact Lorraine-Casazza@Redwoods.edu (mailto:Lorraine-Casazza@Redwoods.edu) for support. You can also contact Lorraine via telephone during Campus business hours at 707-476-4109.

IMPORTANT NOTE: Anything typed inside of this yellow box will NOT be visible to students and is only visible when Editing the page. Text outside of this box highlighted in yellow should be replaced or deleted.

Semester & Year: Spring 2026

Course ID & Section #number: CT-57B Cabinetmaking and Millwork II E9938

Instructor's name: Bert Hafar

Day/Time of required meetings: Lecture Monday 12:40PM - 01:45PM, Lab Monday, Wednesday 01:50PM - 05:00PM

Location: AT-109 Wood Lab

Number of proctored exams: 0

Course units: 3

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Instructor Contact Information

Office location or Online: AT-109 Wood Lab

Office hours: Tuesday and Thursday 3:00 - 5:00 PM and by appointment

Phone number: (707) 476-4100 Ext. 4623

Email address: bert-hafar@redwoods.edu

The best way to contact me is via email or visit the wood lab.

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Required Material

Editor Only Note:

List of required textbooks, manuals, or other support materials required for the course.

Textbook: "Modern Cabinetmaking" Sixth Edition Patrick A Molzahn, William D. Umstattd, Charles W. Davis

ISBN 978-1649259813 Goodheart-Willcox

Other Requirements: Safety glasses, tape measure, pencils, notebook, and completed safety tests.

Face coverings or masks as necessary.

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Catalog Description

Editor Only Note:

Add description from College Catalog; check course description in eLumen (login to view current/Active Course Outline of Record). Message division support person for help if needed.

A course in intermediate cabinetmaking for residential applications. Topics include: machinery and hand tool safety, European construction, drawer and door construction, shelves and cabinet interiors, counter tops, cabinet installation, wood finishing,

and current topics in cabinetmaking. Students participate in the construction of a set of residential cabinets for the student-built house.

Course Student Learning Outcomes

Editor Only Note:

List CLOs from course outline of record

1. Safely set-up and operate machines specific to countertop, door and drawer construction.
2. Construct and install cabinetry including doors, drawers, countertops, moulding, and trim to be plumb, level, and square.
3. Research and present current topics in cabinet making

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Course Calendar

Editor Only Note:

Meeting times and locations. You can edit either of the tables below to fit your your needs, then delete the other table.

CT-57B – Cabinetmaking and Millwork II Class Schedule Spring 2026

Week 1 Jan. 19 Holiday, No Class, Martin Luther King Jr.

	Jan. 21	Lab: Introduction, Review syllabus, Project Update, Canvas LMS, safety review.
		Reading Assignment: Ch. 26 Shaping (pp 447 – 457 and 459 - 467)
		Home Work: *"Test Your Knowledge"* Questions 1 – 7,9,10,13,14
		Power Tool safety
Week 2	Jan. 26	**Shaper Safety Lecture**, Safety Manual
		Lecture: Cabinet Door Design and Construction
		Coping and Sticking—The shaper
		Lab: Stock prep,
		Reading Assignment: Ch. 41 *Frame and Panel Components*
		Home Work: *"Test Your Knowledge"* Questions 1 – 10
	Jan. 28	Door design, layout, and construction
		Handout--"Cutting List: Door Parts"
		Lab: Work on assigned projects
NO SAFETY TEST SIGNED AND ON FILE = NO WORK IN THE SHOP!		
Week 3	Feb. 2	Lecture: Door panels—determining sizes
		Door assembly, layout and construction, The Door Clamp
		Complete Handout--"Cutting List: Door Parts"
	Feb. 4	Lab: Work on assigned projects
Week 4	Feb. 9	European Hinges—Blum machine
		Lazy Susan—Bi-fold door, soft close and self-close.

	Feb. 11	Lab: Work on assigned projects
Week 5	Feb. 16	All College Holiday, Presidents Day, No Class
	Feb. 18	Lab: Work on assigned projects
Week 6	Feb. 23	Finished Ends and Decorative Panels
		Mounting Cabinet Doors
	Feb. 25	***Trade Journal Review:*** *Overview and handout*
		Lab: Work
Week 7	Mar. 2	Lecture: Drawer Construction, Half-blind dovetails
		Reading Assignment: Ch. 44 *Drawers*
		Home Work: *"Test Your Knowledge"* Questions 1,3,5,7,9,11,13
	Mar. 4	**Trade Journal review Due**
		Lab: Work on assigned projects
		Drawer Fronts—frame and panel, slab
Week 8	Mar. 9	Lecture: 32mm Construction
		Reading Assignment: Ch. 40 *Case Construction (pp 727 – 737)*
		Home Work: *"Test Your Knowledge"* Questions 11 – 15
	Mar. 11	Lab: Work on assigned projects
	Note: All previous Homework assignments Due today!	
Spring Break March 16 – 20 No Classes.		

Week 9	Mar. 23	Drawer Slides: Specifications and Installation. Furring.
	Mar. 25	Lab: Work on assigned projects
Week 10	Mar. 30	Work on assigned projects. Cabinets, counter top, finished ends etc.
	Apr. 1	Work on assigned projects. Cabinets, counter top, finished ends etc.
Week 11	Apr. 6	Lecture: Plastic Laminate and counter top materials
		Reading Assignment: Ch. 35 *Installing Plastic Laminates*
		Home Work: *"Test Your Knowledge"* Questions 1 - 10
	Apr. 8	Lecture: Storage, shelving, pull-outs, closet organizers.
		Lab: Work on assigned projects
Week 12	Apr. 13	Lecture: Installing Cabinets
		Reading Assignment: Ch. 46 Kitchen Cabinets (pp 828 - 832)
		Home Work: *"Test Your Knowledge"* Questions 13 - 18
	Apr. 15	Cabinet Installation, leveling plinths: Powder actuated fasteners.
Week 13	Apr. 20	Lecture: Ceramic Tile; installation, thin set, grout, tile saw operation
		Red Guard, Schluter System.
	Apr. 22	Cabinet Installation.
Week 14	Apr. 27	Cabinet Installation. Cabinet hardware installation-drill guide.
	Apr. 29	Cabinet Installation.
Week 15	May 4	Jobsite cabinet repair and final inspection.
	May 6	Crown Molding and Plinth Facia Installation. Compound miters

Week 16 May 11 **Final Exam: 2:00 – 4:00pm AT-109 Project Evaluation, shop cleanup.**

LAST WORK DAY!

REMEMBER THE FINAL EXAM IS 10% of your grade! Don't miss it!

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

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Evaluation & Grading Policy

Editor Only Note:

Should include info such as final grade calculations, rubrics, late assignment policy, and other grading practices

COURSE REQUIREMENTS

As a student cabinetmaker in CT-57B you are required to attend lectures, participate in labs in which the class will build cabinets for the student-built house, read the text assignments and engage yourself fully in the tests, quizzes and assignments. We will be meeting at the project house to install cabinets, millwork and complete other interior work. Students are expected to provide their own transportation.

Course Skills: This course will focus on the following cabinetmaking skills:

1. Review plans and specifications to determine project requirements.
2. Generate a cutting list to determine material needs.
3. Fabricate doors and drawers according to the cut list.
4. Fabricate and install countertops and backsplashes.
5. Wrap, load and transport cabinets using safe lifting techniques and equipment.
6. Install and adjust cabinets to be plumb, level, and square.
7. Wear and use P.P.E. to prevent accidents and damage to health.

8. Maintain a clean and orderly work area.
9. Maintain a dust collection system to control the sawdust generated.
10. Operate and maintain machinery and tools according to safety instructions.
11. Research and present current topics in cabinet making.
12. Selection of materials and equipment required to meet job specifications.
13. Make field measurements of job site to verify cabinet plan accuracy.

Assessment

Student success in CT-57B will be assessed in the following areas:

		Grading Criteria		
1. Assigned Cabinet work	= 50%	100% - 96%	= A	Excellent
2. Participation	= 10%	95% - 91%	= A-	
3. Clean up and Work Habits	= 10%	90% - 87%	= B+	
4. Homework	= 15%	86% - 83%	= B	
5. Tests and Quizzes	= 10%	82% - 79%	= B-	
6. Final Assessment	= 5%	78% - 70%	= C	
		69% - 60%	= D	
		< 59%	= Fail	

Grades: Grades are recorded in and accessible to students through the CR Canvas website at redwoods.edu

Lectures: The lecture period will be from 12:40 - 1:45 pm every Monday. During the first few class meetings the lectures will be two to three hours long because we will be reviewing machine tool operation and safety. Make every effort to attend these lectures as it will be almost impossible to make them up.

Lab: The lab period will be from 1:50- 5:00 pm every working day. It is important to apply yourself to the task at hand, and use our lab time to make progress each and every day. Use your time wisely, and stay busy. As in industry “down time is clean-up time”. Always check-out with the instructor prior to leaving. We will be meeting at the student-built project house for a

portion of the semester.

Assigned Cabinet Work: Everyone will have assigned cabinet work for the semester. Tasks will include cabinet door construction, drawers, counter tops, surface preparation, applied finishes, and more. After completing your assigned tasks, you are expected to assist your peers with their projects. Students will experience all phases of production.

Participation: Completing this semester's cabinet work will require participation from all student cabinetmakers. Just as at work, *on-time arrival and full participation in class is expected of all students*.

Clean Up: Shop clean-up is part of every cabinetmaker's job. A well organized and clean shop is generally a reflection of the high-quality work accomplished in that facility.

Work Habits: Safety, initiative, punctuality, sobriety, teamwork, effort, and attitude. Check out with your instructor prior to leaving class.

Homework: Reading and homework assignments will be given. Check the class schedule for assignments and due dates. Read prior to the lecture. All students must complete a technical report and an oral presentation based upon the review of a trade journal. **This assignment must be word processed and presented to the class.**

Tests and Quizzes: Safety tests will be given prior to students using any tools or machinery in the lab. Quizzes will be given periodically on lecture and reading topics. Additionally, *"exit quizzes"* will be given on important topics of the day. All quizzes must be taken in class and cannot be made up.

Project Materials: The college will provide all materials needed for the assigned projects. There will be no personal or free-choice projects in this class. Time is limited and the assigned projects will require your full attention.

No unauthorized projects!

Final Exam: Final exam will consist of a written exam covering lecture and lab topics.

Additionally, all students are expected to participate in end of the semester clean up and shop maintenance.

Final Exam: Monday May 11th, 2026 1:00 - 3:00 pm

Students in all classes are expected to attend and participate in the final assessment at the end of the semester. This includes a project review and written final. The final exam will consist of two parts, an in-class lab portion and an online written portion.

Prior arrangements must be made with the instructor if for any reason you are unable to attend the final. **Non-emergency excuse for absence on final day results in loss of one full course grade**

Grading/Evaluation: Grades are part of the teaching and learning process. Keep in mind that you earn grades; I do not "give" them to you. I will assess your work according to how well it meets class objectives, fulfills requirements, meets the assignment rubric, and reflects the academic skills expected of college students. It is your responsibility to understand why you have achieved a certain grade and what steps you can take to maintain or improve your grade. Please feel free to consult with me using email or office visits. However, I will ask that, prior to speaking with me about your grade, you wait at least one day so you may carefully review the assignment and the grading rubric in order to clearly present your concerns to me.

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Prerequisites / Co-requisites / Recommended Preparation

Editor Only Note:

If applicable, list prerequisites, corequisites and recommended preparation in paragraph from, If none, write: **None**

All students wishing to take CR cabinetmaking classes, regardless of prior experience, are required to start with CT-57A. This ensures that you become familiar with the safety practices of the CR woodshop and learn the proper operation of its power equipment as well as the location and organization methods used for the countless small wood tools that are available.

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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 (https://www.redwoods.edu/services/sass/light.php)** , 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) (https://www.redwoods.edu/services/sass/index.php)** .

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

Editor Only Note:

ARE YOU LOOKING FOR THE OPTIONAL LANGUAGE?

These include information on Academic Integrity, Disruptive Behavior, AI Class Use Policy, and Inclusive Language. You can find them by clicking on the QuickStart Wizard button again, selecting **Blocks** on the right hand menu, then selecting **Syllabus**. There you will see the optional language blocks, which you can add to your template just by clicking on all the ones you want and then clicking **+ Add to Editor**.