

Fall 2024

College of the Redwoods



Syllabus CT-57C Cabinetmaking and Millwork III

Course Information

Semester & Year: Fall 2024

Course ID & Section #: CT-57C Cabinetmaking and Millwork III #E7464

Instructor's name: Bert Hafar

Day/Time of required meetings: Lecture: Wed. 12:40 – 1:45pm Lab: Mon. and Wed.
1:50 – 5:00 pm

Hybrid Format: Some material will be presented online
via Canvas LMS.

Location: AT-109

Number of proctored exams: 0

Course units: 3



Instructor Contact Information

Office location: AT-124 (Near vending machines, south-west end of AT building)

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

Phone number: Office 476-4349 Wood Lab 476-4100 extension 4623

Email address: bert-hafar@redwoods.edu (mailto:bert-hafar@redwoods.edu) (Email is the best way to contact me).



Catalog Description

A course in cabinetmaking, offering a hands-on opportunity for students interested in advanced techniques in cabinetmaking. Participants work on cabinets of their own design and choice. Topics include, cabinet history and design, job safety analysis, advanced machinery set-up and techniques, wood bending, wood turning, laminating, inlay, dying, coloring, and finishing.



Course Student Learning Outcomes

1. Identify furniture and cabinet styles used throughout history.
2. Construct cabinets of their own design using hand and power tools.
3. Analyze job skills and related safe practices for the cabinetmaking industry.



Prerequisites / Co-requisites / Recommended Preparation

Prerequisite: CT-57B Cabinetmaking and Millwork II

This class is open to anyone interested in cabinetmaking. No prior experience is expected or required. 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.



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, bipolar disorder, and ADHD
- 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
- A learning disability (e.g., dyslexia, reading comprehension), intellectual disability, autism, or acquired brain injury
- Vision, hearing, or mobility conditions

Available services include extended test time, quiet testing environments, academic assistance and tutoring through the [LIGHT Center \(https://www.redwoods.edu/dsps/DSPS-Home/LIGHT-Center.html\)](https://www.redwoods.edu/dsps/DSPS-Home/LIGHT-Center.html), counseling and advising, alternate formats of course materials (e.g., audio books, braille, 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 \(SASS\) \(https://www.redwoods.edu/dsps/\)](https://www.redwoods.edu/dsps/). If you are unsure whether you qualify, please contact Student Accessibility Support Services (SASS) for a consultation: [sass@redwoods.edu \(mailto:sass@redwoods.edu\)](mailto:sass@redwoods.edu).

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

Del Norte: 707-465-2353, main building, near the Library

Klamath-Trinity: 707-476-4280



Student Support Services

Good information and clear communication about your needs will help you be successful. Please let your instructor know about any specific challenges or technology limitations that might affect your participation in class. College of the Redwoods wants

every student to be successful.

The following online resources are available to support your success as a student:

- **CR-Online** (<https://www.redwoods.edu/online>) (Comprehensive information for online students)
- **Library Articles & Databases** (<https://redwoods.libguides.com/az.php>)
- **Canvas help and tutorials** (https://support.canvaslms.com/s/?c__role=student&c__accountId=001A000000KMmj5IAD) (<https://www.redwoods.edu/Portals/72/Documents/Students/CR-OnlineStudentHandbook.pdf>)
- **Online Tutoring Resources** (<https://redwoods.libguides.com/Tutoring/Online>)

To learn more about the resources available to you, click on a title bar below, or click the down arrow to expand them all.

Klamath-Trinity students can contact the CR KT Office for specific information about student support services at 530-625-4821

Community College Student Health and Wellness

If you are in distress or are with someone at risk right now, call the National Suicide Prevention Lifeline at 1-800-273-TALK (8255) or TEXT 741-741

Timely Care

When you're feeling under the weather physically or distressed mentally, you can find the help you're looking for in just a few quick taps. Students can schedule an appointment anytime via phone, video, and chat. Visit [TimelyCARE \(https://www.timelycare.com/redwoods\)](https://www.timelycare.com/redwoods).

Mental Health Counseling

Students should text, email, or fax Shawna Bell directly for scheduling and/or services.

Contact info

Text: 707-496-2856

Email: shawnabmft@gmail.com (<mailto:shawnabmft@gmail.com>)

Fax: 707-237-2318 (voicemail can be left via fax)

Wellness Central

Resources, tools, and trainings regarding health, mental health, wellness, basic needs and more designed for California community college students, faculty and staff are available on the California Community Colleges [Wellness Central \(https://cvc.edu/wellness/\)](https://cvc.edu/wellness/).

Counseling

[Counseling & Advising \(https://www.redwoods.edu/counseling.html\)](https://www.redwoods.edu/counseling.html) can assist students in need of academic advising and professional counseling services. Eureka Campus-Visit the Welcome Center in the lower level of the student services building Monday –Friday 9am – 4pm (during the semester, summer hours may vary).

Eureka Downtown Site- 525 D St Eureka Phone: 707-476-4500 Email: ace@redwoods.edu

Basic Needs Center

[The Basic Needs Center \(https://www.redwoods.edu/student-services/Home/Basic-Needs.html\)](https://www.redwoods.edu/student-services/Home/Basic-Needs.html) provides for the health and safety of students by providing access to healthy food, financial resources, and referrals to safe and secure housing. Students can also [submit a request for services and information \(https://cm.maxient.com/reportingform.php?Redwoods&layout_id=7\)](https://cm.maxient.com/reportingform.php?Redwoods&layout_id=7) online.

Contact info

Phone: 707-476-4153

Email: the-grove@redwoods.edu

Learning Resource Center

Learning Resource Center includes the following resources for students:

- [Library Services \(https://www.redwoods.edu/library\)](https://www.redwoods.edu/library) to promote information literacy and provide organized information resources.
- [Multicultural & Diversity Center. \(https://www.redwoods.edu/student-services/Home/Multicultural-and-Equity-Center.html\)](https://www.redwoods.edu/student-services/Home/Multicultural-and-Equity-Center.html)
- [Academic Support Center. \(https://www.redwoods.edu/asc/index.html\)](https://www.redwoods.edu/asc/index.html) – offers tutoring and test proctoring for CR students.
- [Student Tech Help. \(https://www.redwoods.edu/sts/\)](https://www.redwoods.edu/sts/) – provides students with

assistance around a variety of tech problems.

Extended Opportunity Programs & Services (EOPS)

[Extended Opportunity Programs & Services \(EOPS\) \(https://www.redwoods.edu/student-services/Home/EOPS\)](https://www.redwoods.edu/student-services/Home/EOPS) provides services to eligible income disadvantaged students including: textbook awards, grants, career academic and personal counseling, transportation assistance, tutoring, laptop, calculator and textbook loans, priority registration, graduation cap and gown, workshops, and more!

TRiO Student Success Program

The TRiO Student Success Program provides eligible students with a variety of services including trips to 4-year universities, career assessments, and peer mentoring. Students can apply for the program in [Eureka \(https://www.redwoods.edu/trio/eureka.html\)](https://www.redwoods.edu/trio/eureka.html) or in [Del Norte \(https://www.redwoods.edu/delnorte/TRiO.html\)](https://www.redwoods.edu/delnorte/TRiO.html).

Veterans Resource Center

The [Veteran's Resource Center. \(https://www.redwoods.edu/student-services/Home/Vets.html\)](https://www.redwoods.edu/student-services/Home/Vets.html) supports and facilitates academic success for Active Duty Military, Veterans and Dependents attending CR through relational advising, mentorship, transitional assistance, and coordination of military and Veteran-specific resources.

CalWORKS

[CalWORKs \(https://www.redwoods.edu/calworks\)](https://www.redwoods.edu/calworks) – California Work Opportunity & Responsibility to Kids (CalWORKs). Provides supportive services to student parents with children under the age of 18, who are receiving cash assistance (TANF benefits), to become self-sufficient. Services include: transportation assistance, basic student supplies, tutoring, priority registration, laptop and calculator loans, career, academic, and personal counseling, and more!

Required Materials

Textbook: "Modern Cabinetmaking" 6th edition Author: Umstattd, W., Davis, C., Molzahn, P. ISBN 978-1-64925-981-3

Other Requirements: Safety glasses, tape measure, pencils, notebook, completed safety test, Dust masks.



Evaluation & Grading Policy

COURSE REQUIREMENTS

As a student cabinetmaker in CT-57C you are required to attend lectures, participate in labs, produce advanced-level cabinets in collaboration with peers, read textbook assignments, engage fully in classroom activities, and contribute to a learning atmosphere in the wood lab.

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

1. Review plans and specifications to determine project requirements.
2. Select materials and equipment required to meet job specifications.
3. Generate a cutting list to determine material needs.
4. Develop a schedule that coordinates cabinet construction.
5. Select materials to match color, grain and texture.
6. Examine materials to identify defects and eliminate unusable pieces.
7. Cut materials to dimensions or angles according to the cut list.
8. Create jigs or templates for specialty items.
9. Fabricate cabinetry using acceptable joining methods.
10. Fabricate cabinetry taking into account wood movement.
11. Procure and handle raw and finished products in a protected manner.
12. Wear and use personal protective equipment to prevent accidents and damage to health.
13. Maintain a clean and orderly work area.
14. Operate tools and equipment according to safety instructions.
15. Review trade journals and periodicals.
16. Ability to speak and present to small groups.

Assessment

Student success in CT-57C 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 Wednesday. 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 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.

Assigned Cabinet Work: Everyone will have assigned cabinet work for the semester.

Tasks will include carcass construction, face frames, 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. You must provide all materials for your free-choice projects. Time is limited and therefore you must present your project plans in a timely manner. If you cannot decide on a free-choice project within the first week of class, a project will be assigned to you. You must procure your materials by the end of the second week of the semester.
No unauthorized projects!

Final Exam: Monday December 16, 2024 2:00 - 4:00 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.



Fake Student Policy

Fraudulent enrollments are on the rise. To ensure that real students can get seats in the class, no shows will be dropped in the middle of the first week of classes. Also, if you are suspected of being a bot, you will be dropped from the class. If you have been dropped but are a real student, please contact your instructor right away to be reinstated in the class.



Fall 2024 Dates

Date	To Remember
August 23	Last day to register for classes (day before the first class meeting)
August 24	Classes begin
August 30	Last day to add a class
September 2	Labor Day Holiday (district wide closure)
September 6	Last Day to Drop & Receive a Refund
September 8	Last Day to Drop w/out a "W"
September 9	Census Date (20% of class)
October 31	Last Day to Petition to Graduate & Petition for Certificate
November 1	Last Day for Student/Faculty Withdrawal
November 11	Veteran's Day Holiday (District Wide Closure)
November 25-26	Fall Break (No Classes)
November 27-29	Thanksgiving Holiday (District Wide Closure)
December 14-20	Final Examinations
December 20	Last Day to File P/NP Option
December 20	Semester Ends
December 27	Grades Due
January 3	Grades Available for Transcript Release (approximate)

Important Fall 2024 Academic Dates



Academic Dishonesty

In the academic community, the high value placed on truth implies a corresponding intolerance of scholastic dishonesty. In cases involving academic dishonesty, 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 academic dishonesty, 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 \(https://go.boarddocs.com/ca/redwoods/Board.nsf/goto?open&id=C9RVCG801790\)](https://go.boarddocs.com/ca/redwoods/Board.nsf/goto?open&id=C9RVCG801790)) 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 [College Catalog \(https://www.redwoods.edu/catalog\)](https://www.redwoods.edu/catalog) and on the [College of the Redwoods website \(https://www.redwoods.edu/\)](https://www.redwoods.edu/).



AI Use Class Policy

Recent advancements in generative artificial intelligence (AI) have made large language models such as ChatGPT and Google's Bard widely available. However, overuse of these tools in this class can undermine your learning and curtail the development of your critical and creative thinking skills. In addition, AI outputs are often unreliable and frequently subject to bias. For these reasons, the policy of this class is that AI cannot be used at any point in the completion of class assignments, including discussion posts. Any or all of your assignment submissions and discussion posts may be screened by AI detection software, but the real penalty for AI misuse is that you will miss out on an opportunity to learn.



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. The Student Code of Conduct ([AP 5500 \(https://go.boarddocs.com/ca/redwoods/Board.nsf/Public?open&id=policies\)](https://go.boarddocs.com/ca/redwoods/Board.nsf/Public?open&id=policies)) 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 [College Catalog \(https://www.redwoods.edu/catalog\)](https://www.redwoods.edu/catalog) and on the [College of the Redwoods website \(https://www.redwoods.edu/\)](https://www.redwoods.edu/).



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.



Canvas

Canvas Information

Log into Canvas at [My CR Portal \(https://myapps.microsoft.com/Redwoods.edu/\)](https://myapps.microsoft.com/Redwoods.edu/)

[\(https://myapps.microsoft.com/Redwoods.edu/\)](https://myapps.microsoft.com/Redwoods.edu/) For help with Canvas visit the [Canvas Help Page \(https://support.canvaslms.com/s/?c__role=student&c__accountId=001A000000KMmj5IAD\)](https://support.canvaslms.com/s/?c__role=student&c__accountId=001A000000KMmj5IAD)

If you cannot log into Canvas or access the CR Portal please submit a [help ticket \(https://help.redwoods.edu/support/home\)](https://help.redwoods.edu/support/home).

Canvas online orientation workshop: [Canvas Student Orientation Course \(instructure.com\) \(https://redwoods.instructure.com/courses/6781\)](https://redwoods.instructure.com/courses/6781)

Setting Your Preferred Name in Canvas

Students have the ability to have an alternate first name and pronouns to appear in Canvas. Contact [Admissions & Records \(https://www.redwoods.edu/admissions/index.html\)](https://www.redwoods.edu/admissions/index.html) to request a change to your preferred first name and pronoun. Your Preferred Name will only be listed in Canvas. This does not change your legal name in our records. See the [Student Information Update form \(https://www.redwoods.edu/Portals/28/A.R.Forms.Docs/Miscellaneous/Student%20Information%20Updateb9bc.pdf?ver=2022-03-30-165900-813\)](https://www.redwoods.edu/Portals/28/A.R.Forms.Docs/Miscellaneous/Student%20Information%20Updateb9bc.pdf?ver=2022-03-30-165900-813).



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 \(https://webadvisor.redwoods.edu\)](https://webadvisor.redwoods.edu) and selecting 'Students' then 'Academic Profile' then 'Current Information Update.'

Please contact Public Safety at 707-476-4112 or [security@redwoods.edu \(mailto:security@redwoods.edu\)](mailto:security@redwoods.edu) if you have any questions. For more information see the [Redwoods Public Safety Page \(https://www.redwoods.edu/publicsafety\)](https://www.redwoods.edu/publicsafety).

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.

To learn more about campus-specific Emergency Procedures, click on a title bar below, or click the down arrow to expand them all.

Del Norte Campus Emergency Procedures

Please review the [Crescent City campus emergency map \(https://www.redwoods.edu/Portals/70/pdfs/DN%20CampusSafetyMap_010819-2.pdf\)](https://www.redwoods.edu/Portals/70/pdfs/DN%20CampusSafetyMap_010819-2.pdf) for campus evacuation sites, including the closest site to this classroom (posted by the exit of each room). For more information, see the [Redwoods Public Safety Page \(https://www.redwoods.edu/publicsafety\)](https://www.redwoods.edu/publicsafety).

Eureka Campus Emergency Procedures

Please review the [campus emergency map \(https://www.redwoods.edu/Portals/33/Maps/EurekaEmergencyMap_S24%20\(2\).pdf\)](https://www.redwoods.edu/Portals/33/Maps/EurekaEmergencyMap_S24%20(2).pdf) 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 \(https://www.redwoods.edu/publicsafety\)](https://www.redwoods.edu/publicsafety) 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.

Klamath-Trinity Campus Emergency Procedures

Please review the responsibilities of, and procedures used by, the College of the Redwoods, KlamathTrinity Instructional Site (KTIS) to communicate to faculty, staff, students and the general public during an emergency. It is the responsibility of College of the Redwoods, Klamath-Trinity Instructional Site (KTIS) to protect life and property from the effects of emergency situations within its own jurisdiction.

In the event of an emergency, communication shall be the responsibility of the district employees on scene:

1. Dial 911, to notify local agency support such as law enforcement or fire services.
2. If safe to do so, notify key administrators, departments, and personnel.
3. If safe to do so, personnel shall relay threat information, warnings, to ensure the school community is notified.
4. Contact 530-625-4821 to notify of situation.
5. Contact Hoopa Tribal Education Administration office 530-625-4413
6. Notify Public Safety 707-476-4111.

In the even of an emergency, the responsible district employee on the scene will:

1. Follow established procedures for the specific emergency as outlined in the College of the Redwoods Emergency Procedure Booklet.
 2. Lock all doors and turn off lights if in lockdown due to an active shooter or similar emergency.
 3. Close all window curtains.
 4. Get all inside to safe location Kitchen area is best internal location.
 5. If a police officer or higher official arrives, they will assume command.
 6. Wait until notice of all is clear before unlocking doors.
 7. If safe to do so, move to the nearest evacuation point outside building (Pooky's Park), directly behind the Hoopa Tribal Education Building.
 8. Do not leave site, unless it has been deemed safe by the person in command.
- Student Support
Services (required for online classes)

