Syllabus for CT-21B-E3974

Course Information

Semester & Year: Fall 2022
Course ID & Section #: CT-21B-E3974
Instructor's name: Leonard Bechler
Day/Time of required meetings: Friday 8:00 – 9:05am and 10:20 – 5:10pm
Location: Rm AT109
Number of proctored exams: 0
Course units: 3.0 credits

Instructor Contact Information

Office location: AT138
Office hours: Thursday 10:00am – 12:00pm
Phone number: 707-476-4345
Email address: leonard-bechler@redwoods.edu

Catalog Description

An intermediate level woodworking course. Project-based instruction includes the set-up and use of woodworking hand tools and machinery, furniture joinery, wood turning, veneering, surface preparation and wood finishing.

Course Student Learning Outcomes *(from course outline of record)*

CONCEPTS
What terms and ideas will students need to
understand and be conversant with as they
demonstrate course outcomes?
Each item should be numbered.

Lecture:
1. Project sequence.
2. Project plans, diagrams and bill of materials.
3. Appropriate material selection.
4. Seasonal wood movement in furniture.
5. Traditional woodworking techniques.
6. Hybrid Woodworking: blending power and hand tools.
7. Wood lab organization and safety practices. Lab:
8.   Lumber and plywood processing.
9.   Hand tool manipulation.
10. Power tool setup and operation.
11. Wood joinery.
12. Wood shop organization and practices.
13. Wood shop safety procedures.
14. Rotary cutting operations; slicing versus scraping.

Interlocking joinery.

THEMES & ISSUES
What motifs, if any, are threaded throughout the
course? What primary tensions or problems inherent
in the subject matter will students engage?
Each item should be numbered.

1. Attention to detail, fit, finish and quality of work.
2. Teamwork and mutual regard for classmates.
3. Work ethic and soft skill development.
4. Safety attitude.
5. Use and application of low VOC finishes.
6. Efficient use of time.
7. High quality workmanship and attention to detail is required for high quality results.
8. Gender neutrality is an essential professional and legal obligation in a community workspace
as well as in woodworking industry.
9. The use of mind altering substances puts individuals and their coworkers in danger.
10. Cumulative error.
Proper tool etiquette and maintenance.

SKILLS
What abilities must students use to demonstrate
course outcomes? (e.g., use a scientific calculator,
read college-level texts, safely use power tools, etc.)
Each item should be numbered.

Lecture:
1. Review plans and specifications to determine project requirements.
2. Research and report on current woodworking materials, equipment and trends.
3. Plan a woodworking project and complete a bill of materials.
Lab:
4. Select materials to match color, grain and texture.
5. Cut complex joinery using woodworking hand tools and power tools.
6. Grind, hone and polish tools to keep them sharp.
7. Organize materials and equipment for use in a logical sequence of operations.
8. Operate tools and equipment according to safety instructions.
9. Wear and use personal protective equipment.
10. Maintain a clean and orderly work area.
11. Dimension, shape and assemble wooden parts to a high degree of accuracy.
Glue and clamp woodworking projects.

Prerequisites/co-requisites/ recommended preparation
CT-21A

Accessibility

College of the Redwoods is committed to making reasonable accommodations for qualified students with disabilities. If you have a disability or believe you might benefit from disability-related services and accommodations, please contact your instructor or Disability Services and Programs for Students (DSPS). Students may make requests for alternative media by contacting DSPS based on their campus location:

- Eureka: 707-476-4280, student services building, 1ˢᵗ floor
- Del Norte: 707-465-2324, main building near library
- Klamath-Trinity: 530-625-4821 Ext 103

If you are taking online classes DSPS will email approved accommodations for distance education classes to your instructor. In the case of face-to-face instruction, please present your written accommodation request to your instructor at least one week before the needed accommodation so that necessary arrangements can be made. Last minute arrangements or post-test adjustments usually cannot be accommodated.

*Other verbiage you can include if you want:

Student Support

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.

Evaluation & Grading Policy

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

Admissions deadlines & enrollment policies

Spring 2022 Dates

- *Classes begin: 8/20/22*
- *Last day to add a class: ?*
- *Last day to drop without a W and receive a refund: ?*
- *Labor Day: 9/5/22 No Classes*
- *Census date: 9/6/22 or 20% into class duration*
- *Last day to petition to graduate or apply for certificate: ?*
- *Last day for student-initiated W (no refund): ?*
- *Last day for faculty-initiated W (no refund): ?*
- *Veteran's Day: 11/11/22 No Classes*
- *Fall Break/Thanksgiving (no classes): 11/21/22 – 11/25/22*
- *Final examinations: 12/10/22 – 12/15/22*

- *Last day to petition to file P/NP option: ?*
- *Semester ends: 12/16/22*
- *Grades available for transcript release: approximately 12/24/22*

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) 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 and on the College of the Redwoods website.

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) 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 and on the College of the Redwoods website.

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.

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 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.

Canvas Information

If using Canvas, include navigation instructions, tech support information, what Canvas is used for, and your expectation for how regularly students should check Canvas for your class.
Log into Canvas at https://redwoods.instructure.com
Password is your 8 digit birth date

For tech help, email its@redwoods.edu or call 707-476-4160
Canvas Help for students: https://www.redwoods.edu/online/Help-Student
Canvas online orientation workshop: https://www.redwoods.edu/online/Home/Student-Resources/Canvas-Resources

Community College Student Health and Wellness

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 Health & Wellness website.

Wellness Central is a free online health and wellness resource that is available 24/7 in your space at your pace.

Students seeking to request a counseling appointment for academic advising or general counseling can email counseling@redwoods.edu.

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 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.

Del Norte Campus Emergency Procedures

Please review the Crescent City campus emergency map 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.

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 Redwoods Public Safety Page 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, Klamath-Trinity 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.

1. In the event of an emergency, communication shall be the responsibility of the district employees on scene.
   a. Dial 911, to notify local agency support such as law enforcement or fire services.
   b. If safe to do so, notify key administrators, departments, and personnel.
   c. If safe to do so, personnel shall relay threat information, warnings, to ensure the school community is notified.
   d. Contact Jolene Gates 530-625-4821 to notify of situation.
   e. Contact Hoopa Tribal Education Administration office   530-625-4413
   f. Notify Public Safety 707-476-4111.
2. In the event of an emergency, the responsible district employee on scene will:
   a. Follow established procedures for the specific emergency as outlined in the College of the Redwoods Emergency Procedure Booklet.
   b. Lock all doors and turn off lights if in lockdown due to an active shooter or similar emergency.
   c. Close all window curtains.
   d. Get all inside to safe location Kitchen area is best internal location.
   e. If a police officer or higher official arrives, they will assume command.
   f. Wait until notice of all is clear before unlocking doors.
   g. If safe to do so, move to the nearest evacuation point outside building (Pooky's Park), directly behind the Hoopa Tribal Education Building.
   h. Do not leave site, unless it has been deemed safe by the person in command. Student Support Services (required for online classes)

Student Support Services

The following online resources are available to support your success as a student:
- CR-Online (Comprehensive information for online students)
- Library Articles & Databases
- Canvas help and tutorials

- Online Student Handbook

Counseling offers assistance to students in need of professional counseling services such as crisis counseling.

Learning Resource Center includes the following resources for students

- Academic Support Center for instructional support, tutoring, learning resources, and proctored exams. Includes the Math Lab & Drop-in Writing Center
- Library Services to promote information literacy and provide organized information resources.
- Multicultural & Diversity Center

Special programs are also available for eligible students include

- Extended Opportunity Programs & Services (EOPS) provides services to eligible income disadvantaged students including: textbook award, career academic and personal counseling, school supplies, transportation assistance, tutoring, laptop, calculator and textbook loans, priority registration, graduation cap and gown, workshops, and more!
- 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 or in Del Norte
- The Veteran's Resource Center 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.
- Klamath-Trinity students can contact the CR KT Office for specific information about student support services at 530-625-4821