CR COLLEGE OF THE REDWOODS — Syllabus for FNR 1 Introduction to Forestry and Natural Resources

Course Information

Semester & Year: Spring 2021
Course ID & Section #: FNR 1: E0815
Instructor's name: Valerie Elder
Lecture: Asynchronous: Canvas Modules
Lab: Varies
If a lab is held face-to-face, they will be offered on Tuesday's 10-4:25 look for dates in CANVAS.
Some labs will be completed virtually.
Location: Various
Course units: 3

Instructor Contact Information

Zoom "Walks in the Woods" Office Hours:
Office hours: Monday 1:30-2:30
Link: https://cccconfer.zoom.us/j/94724339797?pwd=OUpPRXlmNG54aDBCZzJ5aEViR25Ldz09
Password: 476618
Email address: Valerie-elder@redwoods.edu, or message in CANVAS.

Catalog Description

An introduction to forest and natural resource issues and management. The lectures and discussion cover three general areas: goods and services derived from forests; basic management strategies for natural resources; and the development and application of relevant policies and regulations, including historical perspectives. Weekly field exercises introduce students to basic techniques for field work and how different management approaches are applied in the woods.

Course Student Learning Outcomes

1. **Describe the goods, services, and benefits derived from utilizing natural resources.**
2. **Explain the basic components of forest ecosystems and use critical thinking to determine how management affects these ecosystems.**
3. **Discuss the historic, economic, and political framework of natural resource utilization.**
4. **Lab Specific Outcome: Demonstrate safety protocols and common field techniques used in natural resources at a basic level.**

Prerequisites/co-requisites/ recommended preparation

This course is being taught in a hybrid format for Spring 2021 which means all of the lectures and some of the lab activities will be online-based and the remainder of the labs will be in-person field labs with COVID-19 health protocols in place. Because of this format students will be required to have access to

adequate computer and internet access and familiarity with basic computer skills. Examples of this include:

- *navigate a class in Canvas*
- *receive, respond and regularly check) messages sent to your CR email account*
- *download and upload files in Canvas assignments*
- *use a phone or digital camera (or webcam) to upload "selfies" to your online lab notebook*
- *use a word processor program (such as Microsoft Word or Google Docs)*
- *use a webcam or a phone to record and upload videos in Canvas*
- *use Zoom, email and canvas discussion boards to communicate with peers and instructor*

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

During COVID19—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.

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

A: 94-100, A-: 90-<94, B+: 87-<90, B: 84-<87, B-: 80-<84, C+: 77-<80, C: 70-<77, D: 60-<70, F: <60

See CANVAS for rubrics.

Late Assignments: Assignments turned in after the deadline will be deducted 10%*, each additional week the assignment is late an additional 10% will be deducted. Late work will not be accepted after April 30th. *Please stay in communication with me regarding late work*

Admissions deadlines & enrollment policies

Spring 2021 Dates

- *Classes begin: 1/16/21*

- *MLK Jr. Birthday (all campuses closed): 1/18/21*
- *Last day to add a class: 1/22/21*
- *Last day to drop without a W and receive a refund: 1/29/21*
- *Census date: 2/01/21 or 20% into class duration*
- *Last day to petition to file P/NP option: 2/12/21*
- *Lincoln's Birthday (all campuses closed): 2/12/21*
- *President's Day (all campuses closed): 2/15/21*
- *Last day to petition to graduate or apply for certificate: 3/04/21*
- *Spring Break (no classes): 3/15/21 – 3/20/21*
- *Last day for student-initiated W (no refund): 4/02/21*
- *Last day for faculty-initiated W (no refund): 4/02/21*
- *Final examinations: 5/08/21 – 5/14/21*
- *Semester ends: 5/14/21*
- *Grades available for transcript release: approximately 5/31/21*

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

Other information:

Drop Policy: You may be dropped from the class if you miss 3 or more weeks of class participation, discussion, assignments or labs prior to the end of week 10.

The general outline of study is:

Historic uses of forests and natural resources Module 1

Wood and non-wood commercial products Module 2

Wildlife resources Module 3

Water resources Module 4

Recreation management Module 5

Wilderness management Module 6

Wildland Fire Module 7

Range Management Module 8

Silviculture and Sustainable Forestry Module 9

Ecosystem management Module 10

Forest Health Module 11

Economics and decision-making Module 12

State forestry laws Module 13

Federal laws and regulations Module 14

Group Project:

The focus of this project is to get well acquainted with one of the natural resource problems that face this region. Because we are in a very resource rich area that has a long history of use, we face a large number of important resource management issues. Many of these are controversial because of basic conflicts in viewpoints about how resources can best be utilized to meet the needs of society. Each group of 3-4 students will choose a single local natural resource issue to focus on. The key to successfully addressing the issue will be to try as much as possible to narrowly focus your questions about what the central issue is. For example: The management of the whole Klamath river is a very broad topic that is beyond the scope of this project but pieces of that issue could be a focus (e.g. water use and allocation; dam renovation or removal; allocation of annual fish harvest among recreational, commercial and tribal fisheries; timber harvesting activities and sediment inputs, etc..). 6 Once the topic is chosen by the group and the focus written out, the instructor will give each group feedback on the

feasibility of the project. Then each group will find background information on the various sides of the issue (e.g. preservation vs. utilization) and develop a summary of the various arguments. Sources can include the internet, newspapers, interviews, etc.. but should also include scientific sources. There's a collection of news journals called the "High Country News" that covers western environmental issues and there are Journal of Forestry magazines located in the classroom as well. The **output** from the project will be a group **paper** of the issue researched by the group. It should clearly state what the problem is, how it got to be a problem, what the various sides are to the issue and what kinds of approaches could be taken to solve the problem (typewritten, formatted, etc..). **The groups will also present an overview/summary** of their project to the class during the last lab of the semester (can use PowerPoint or other presentation material). The overall idea is to present the issue at hand and the various approaches that different groups take to try and solve the issue. This will be easier if you focus on a specific issue (like dam removal on the Klamath) instead of a really broad issue (like overfishing in the ocean). History is also important in these issues so don't forget to cover that as well.

***You will be required to (use course discussion boards and/or email, zoom, phone, google doc) to communicate with peers to complete the group project. Expect to need to be online/checking email/CANVAS several days during the week throughout the semester. ***

Field Equipment: We will have several outdoor field labs this Spring with safety protocols in place. These labs require appropriate clothing and closed-toe, traction footwear for conditions, field notebook, and miscellaneous items (sunscreen/bug repellant/ water, etc..) NOTE: You will not be allowed to participate in most outdoor labs if you do not wear appropriate attire (e.g. no flip flops or smooth-soled shoes). When working in the woods we will wear hard hats that are provided. There will be several off-campus field trips and you are responsible for your own transportation to the field sites.

This Spring every field lab will require you to wear a mask at all times while participating in the class. Course Objective: The course will introduce you to forestry and natural resource management. We will examine the cultural and societal forces shaping the profession, technical aspects of ecological management and develop an understanding of the forces shaping forest management today. Labs are designed to give you hands-on exposure to various kinds of field ac>vi>es within forestry and natural resource management and common safety protocols used in the field. Labs are **REQUIRED** and count for almost 1/3rd of the course grade. **This Spring many of the labs will be "virtual" while a few will be In-Person outdoors. This will vary by week so you must pay attention to Canvas announcements for each week.**