

# Lassen Community College Course Outline

## FS 7 Introduction to California Native Forest Management 3.0 Units

### I. Catalog Description

This course introduces key concepts, history and philosophy of local California Native people as related to use of fire in forest management. Emphasis on will be on the importance of natural resource management among local California native people. Topics include culturally based understandings of fire, definition and awareness of Tradition Ecological Knowledge (TEK) practices, and comparison between TEK and wester science based management. Students will read and discuss foundational and current literature on the topic including oral history from guest speakers. This course has been approved for hybrid and online delivery.

**Recommended Preparation:** Successful completion of ENGL105 or equivalent multiple measures placement.

Transfers to CSU

CSU GE Area:

51 Hours Lecture, 102 Expected Outside Class Hours, 153 Total Student Learning Hours

Scheduled: Fall

### II. Coding Information

Repeatability: Not Repeatable, Take 1 Time

Grading Option: Graded

Credit Type: Credit – Degree Applicable

TOP Code: 0114.00

### III. Course Objectives

#### A. Course Student Learning Outcomes:

Upon completion of this course the student will be able to:

- 1) Describe the concept of land stewardship among California Indian Communities
- 2) Explain and identify historical uses of burning in local California Indian Communities.
- 3) Comprehend the challenges associated with application of TEK systems in current resource management and sustainability

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#### B. Course Content

1. Introduction:

Tribal Perspectives, foundational Concepts

TEK Defined

Place, Relationship, balance and relationship of humans to the natural world

Stewardship of Landscape pre-contact, contact and contemporary

2. Indigenous Practices in maintaining Natural Resources

Oral History: Fire in California Indian Communities  
Role of fire within California Native communities  
Fire use in culturally based management of ecosystems  
Seasons, Frequency, Extent

3. TEK and Western Academic Ecological Knowledge  
California Tribal and Western Government relationship  
Barriers and challenges to Native traditional burning practices
4. Role of TEK in Fire Prevention and Contemporary Resource Management  
Need for new perspectives in Fire Prevention  
Community based management; case studies Karuk, North Fork Mono

## C. Assignments

### a. Appropriate Readings

Required reading assignments will be made from the textbook on a regular basis. In addition, journal and articles from outside resources including video, newspapers, magazines, internet, etc. pertaining to course topics will be incorporated in the class lectures and assignments.

### A. Writing Assignments

Students will be required to complete short answer written assignments, quizzes and/or submit a research paper on a forestry topic as assigned by the instructor.

### B. Expected Outside Assignments

Outside assignments may include take home short answer written assignments, required reading of supplementary literature, term paper(s), and group research and reports.

### C. Specific Assignments that Demonstrate Critical Thinking

Critical thinking, writing assignments as listed above. Individual and group presentations of the course topics.

## D. Methods of Evaluation

### Traditional Classroom Evaluation

Mixed format exams and research papers

### Online Evaluation

Same as face-to-face instruction including a variety of evaluation methods such as: research papers, asynchronous and synchronous discussions (chat/forum), exercises/assignments, online quizzes and exams, and postings to online website.

### Hybrid Evaluation

All quizzes and exams will be administered during the in-person class time. Students will be expected to complete online assignments and activities equivalent to in class assignments and activities for the online portion of the course. Electronic communication, both synchronous and asynchronous (chat/forum) will be evaluated for participation and to maintain effective communication between instructor and students.

## E. Methods of Delivery

Check those delivery methods for which, this course has been separately approved by the Curriculum/Academic Standards Committee.

Traditional Classroom Delivery     Correspondence Delivery

Hybrid Delivery

Online Delivery

### **Traditional Classroom Delivery**

Methods of instruction may include, but are not limited to: lecture (including guest speakers), PowerPoint, and other media presentations, discussions, scenarios, and group presentations.

### **Online Delivery**

A variety of methods will be used, such as: research papers, asynchronous and synchronous (chat/forum) discussions, online quizzes and exams, posting to online website and email communications using the districts approved learning management system.

### **Hybrid Delivery**

A combination of traditional classroom and online instruction will be utilized. Each semester a minimum of 17 hours, or 1/3 of the lecture hours, will be taught face-to face by the instructor and the remaining hours will be instructed online through the technology platform adopted by the District. Traditional class instruction will consist of exercises/assignments, lectures, visual aids, and practice exercises. Online delivery will consist of exercises/assignments, lecture posts, discussions, adding extra resources and other media sources as appropriate.

## **F. Representative Texts and Supplies**

Anderson, Kat M. *Tending the Wild: Native American Knowledge and Management of California's Natural Resources* (October 2013) First edition ISBN: 9780520280434.

**Traditional Ecological Knowledge (New Directions in Sustainability and Society)**  
Cambridge University Press, Melissa K Nelson 2021, ISBN: 978-1108450447

Other articles will be provided by instructor

## **IX. Discipline/s Assignment**

Forestry, Fire Technology

## **G. Course Status**

Current Status: Active

Original Approval Date: 02/21/2023

Board Approval Date: 04/11/2023

Revised By:

Curriculum/Academic Standards Committee Revision Date: