

NR5 - WILDLAND FIRE TECHNOLOGY

Course Syllabus for Fall 2011

12:00-2:50 Monday and

12:00-1:50 Friday

Instructor:

Course Objectives

This course prepares students for entry-level wildland fire suppression employment with State and Federal fire agencies. Certifications for National Wildland Fire Coordinating Group S-130, S-190, L-180 and I-100 will be offered.

This class also strives to develop physical skills and stamina that is necessary for arduous work. Fire line construction, hand tool maintenance, fire shelter deployment, and fire hose use are components of our lab exercises.

Learning Outcomes

Students will recite the factors which influence fire behavior and compare alternative actions and their influences on fire behavior. In addition, students will satisfactorily perform line construction techniques in the field in accordance with fire physics and fire behavior standards. Field performance will include an understanding of the safe use and maintenance of various tools and equipment for fire suppression, including chain saws.

Online

Portions of this class will be online. Notice of online course work that shall be accessed through Blackboard will be announced by the instructor

Basic Skills Advisories

Eligibility for ENGL 125, ENGL 126, and MATH 101. (A, CSU)

Reedley College Policies

To receive a grade for this course, students must complete all assigned work. Cheating or plagiarism will result in removal from class and assignment of a grade of "F". Foul language or disruption to the instruction will not be tolerated. There will be no tobacco use in any building or school farm. Safety rules must be strictly followed including the use of protective equipment and cautious behavior.

If you have a verified need for an academic accommodation or materials in alternate media (i.e., Braille, large print, electronic text, etc.) per the Americans with Disabilities Act (ADA) or Section 504 of the Rehabilitation Act, please contact me as soon as possible.

Text Books

“Wildland Firefighting Practices” by Joseph D. Lowe, Delmar Publishing Company, Copyright 2002. This is a recommended text

“Firefighter’s Handbook on Wildland Firefighting Strategic, Tactic and Safety 3rd Edition 2005” by William C. Teie, Produced and Published by Deer Valley Press, 1994, 5125 Deer Valley Road, Rescue, California, 95672, Oklahoma State University, 3rd edition. ISBN 1-931301-16-6 Optional reference

Laboratory Handbooks (required)

National Wildfire Coordinating Group Student Manuals for S-130, S-190, L-180, ICS I-100, Fireline Handbook, Ten Standard Fire Order and Watch Out Situations. Packet available at TK College Textbooks, 797 Reed Ave, Reedley, CA. Phone 638-1800

Attendance and Participation

To be considered present students should be present, attentive, properly attired, and ready for classroom or field activities regardless of weather or other factors. Two tardies will count as one absence. Students may be dropped if four absences are accrued.

Field exercises missed cannot be made up and certification for fire fighting may not be achieved in that event.

Repeating Quizzes

The midterm exam cannot be retaken. Quizzes can be repeated no later than the second class meeting after the original date of examination. It is preferable to make up, or retake a quiz during the instructor office hour. If you miss a class and wish to make up a test there may be a 10% deduction of grade.

Drop Deadline

The last day that you may drop without the grade of F is October 15.

Participation in Laboratory Work

Firefighting is a particularly labor-intensive task. Safety and success depend on every person’s full participation. In this class you will be practicing actual fireline work. For the safety of others, and yourself, you must perform in a responsible manner. You must have your own safety equipment on in order to be allowed to participate in laboratories. You will receive no participation credit if you are not prepared for field tasks.

Your performance in the physical laboratory training is assessed for a grade. If you cannot safely carry out the tasks for any reason, including a health condition, you should notify the teacher. Consideration will be given to modify the requirements on an individual basis.

Final Exam

The final exam for S-130 will be on Monday, December 12, at 1200 hours.

Certificates

Certificates will be available on the last day of finals week.

Grades

S-190	30%
ICS-100	10%
S-130	50%
L-180	10%

Cumulative course grade will be based upon the following

A	90 – 100%
B	80 – 89
C	70 – 79
D	60 – 69
F	59 or less

Quizzes and examinations must be made up within one week.

Certification

To receive a certificate of successful completion a student must pass all S-190, L-180, S-130 and I-100 unit exams with a satisfactory score (specified for each unit). A student may receive a passing grade in the class without qualifying for a certificate. Some employment may require the certificate. Most employers will require redundant or additional training.

Required Equipment

Each student must have the following items during each class in order to be allowed to participate:

Hardhat, Leather Gloves, Safety Glasses, Boots (minimum 8" high), Long Pants (no cuffs), Long Sleeve Cotton Work Shirt. Details will be given during the first class meeting.

Schedule Modifications and Important Dates

September 5	No class, Holiday
September 16	Online. No class meeting, Sequoia Lake course NR 108,
October 13	Online. No class meeting, Sequoia Lake course NR 109/115
November 11	No class meeting. Veterans Day
November 25	No class meeting, Thanksgiving holiday
December 2	Online No class meeting (Midwinter Teacher Institute)