

Chemeketa Community College
4000 Lancaster Drive NE
Salem, Oregon 97309

Course Outline

Course Identification FRP179 **Credits** 3 **Date** 11/04

Course Title: Wildland Urban Interface

Total Instructional Hours, for Course, per Term:

<u>33</u>	Lecture Hours	=	<u>3</u>	Credits(s)
<u>0</u>	Laboratory Hours	=	<u>0</u>	Credits(s)

Prerequisite Course(s):

FRP151 Fire Incident Related Experience 1, FRP152 Fire Incident Related Experience 2, FRP153 Fire Incident Related Experience 3, or consent of instructor

Required Text(s):

Fundamentals of Wildland Fire Fighting, International Fire Service Training Association, Third Edition
S-205 – Fire Operations in the Urban Interface Student Workbook, National Wildfire Coordinating Group, 1991 Edition

Course Description:

Studies causes, standard firefighting orders, urban interface problems, fire suppression methods, fire ground management and structure triage. Designed to meet some of the competencies as set forth by Department of Public Safety Standards and Training for Wildland Interface Engine Boss.

Performance Based Learner Outcomes:

Upon successful completion of the course, students should be able to:

1. Size-up, evaluate and describe the potential situation in a wildland/urban interface fire incident.
2. Order and deploy the necessary resources in a wildland incident.
3. Apply safe and effective tactics to minimize property damage in a wildland interface fire incident.

Course Content Outline:

- I. Size-Up
 - A. Pre-incident size-up
 - B. At the scene size-up
 - C. Size-up report
 - D. Resource size-up

- II. Initial Strategy and Action Plan
 - A. Action plan development
 - B. Resource needs
 - C. Briefing and deployment
 - D. Unified command
- III. Structure Triage
 - A. The decision process
 - B. Five factors that affect triage decision
 - C. Considering all the factors
 - D. When it is hopeless
- IV. Tactics
 - A. Initial operations
 - B. Structure and site preparations
 - C. Engine operations
 - D. Hand crews
 - E. Firing operations
 - F. Aircraft operations
 - G. Heavy equipment operations
- V. Action Plan Assessment
 - A. Assessing action plan effectiveness
 - B. Updating the action plan
 - C. Safety
- VI. Public Relations and Follow-Up
 - A. Follow-up
 - B. Public relations
 - C. Post-incident management
 - D. Agency policies
 - E. Mutual aid situations
- VII. Safety