Wildland Fire Management-Wildland Fire

CERTIFICATE (ONE YEAR)

Major code: 3440
Department: Ag & Natural Resources
Chair: Sandra Porter
Advising: Marcus Nichols 541-881-5968

PROGRAM OVERVIEW

The Wildland Fire certificate prepares students for entry level seasonal jobs in fire-fighting for the Bureau of Land Management and the U.S. Forest Service, and other public and private agencies that manage firefighting on public lands. During summer quarter students can incorporate required NATR 280 (Cooperative Work Experience) with the work they are doing in the field. Students should make appropriate arrangements with their program advisor.

All courses in this certificate may be transferred into the Natural Resources Wildland Fire Associate of Applied Science Degree. A minimum grade point average of 2.0 is required to obtain the certificate.

PROGRAM/DISCIPLINE OUTCOMES

Students who complete the Certificate of Completion will be prepared to:

- Identify the primary factors involved in the start and spread of wildfires.
- Demonstrate proper use of fire equipment and fire suppression techniques, including self-protection, for fighting forest and range wild fires.
- Correctly locate a site using GPS, Map Reading Aerial Photos and the location of corners on the rectangular survey system.

RELATED EDUCATIONAL REQUIREMENTS (13 CREDITS)

All career and technical education degrees and one-year certificates contain required courses in applied communication, computation and human relations. These courses are designed to support student competence and success in the workplace. Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be required to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

COURSE #	COURSE TITLE	CREDITS
-	SP 219 - SMALL GROUP DISCUSSION or COM 111Z - PUBLIC SPEAKING	3
- MATH 063	TECHNICAL MATH I	4
- NATR 102	L-280 FOLLOWERSHIP TO LEADERSHIP	2
- WR 115	INTRO TO COLLEGE WRITING	4

REQUIRED COURSES (34 CREDITS)

Courses are listed in suggested sequence.

YEAR 1

COURSE #	COURSE TITLE	CREDITS
-	NATR 280 Co-Op Work Experience	6
- FOR 111	INTRODUCTION TO FORESTRY	3
- FWR 101	NATURAL RESOURCES SEMINAR	1
- NATR 101	INTRO TO WILDLAND FIRE (FFT2)	3
- NATR 105	FIELD METHODS IN NATURAL RESOURCES	3
- NATR 106	INTRO TO FIRE EFFECTS	3
- NATR 111	INTRO TO NATURAL RESOURCES	5
- NATR 112	GLOBAL POSITIONING SYSTEMS (GPS)	2
- NATR 140	MAP USE AND ANALYSIS	4
- NATR 241	INTRO TO RANGE MANAGEMENT	4

Total number of credits... 47