

# UNIVERSITY OF ALASKA FAIRBANKS

## **Request for New Occupational Endorsement**

Format 3A

UA Regulation 10.04.02

## **EMERGENCY SERVICES: Wildland Fire Science**


11 credits minimum

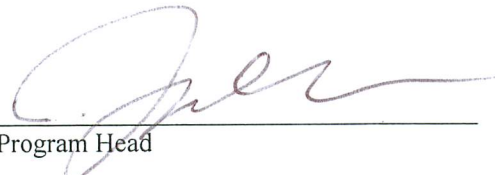
Submitted by

UAF Community & Technical College  
College of Rural and Community Development  
April 2012

### C. REVIEW AND APPROVAL SIGNATURES

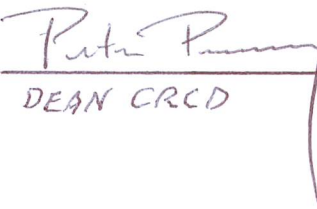
**Review:**

  
\_\_\_\_\_  
Advisory Council Representative      Date 4/16/2012

  
\_\_\_\_\_  
Program Head      Date 4/30/12

  
\_\_\_\_\_  
~~Director, Interior-Alutians Campus~~      Date 10-1-12  
CHAIR, CTC ACADEMIC COUNCIL

  
\_\_\_\_\_  
Dean of School/College CTC      Date 11/18/12

  
\_\_\_\_\_  
DEAN CRCD      Date 11/19/12

**Approval:**

  
\_\_\_\_\_  
Curricular Affairs Committee Chair,  
College of Rural and Community Development      Date 1 March 2013

See above  
\_\_\_\_\_  
Dean/Vice Chancellor  
College of Rural and Community Development      Date \_\_\_\_\_

  
\_\_\_\_\_  
President, UAF faculty Senate      Date 3/4/2013

  
Chancellor, UAF

7 Mar 13  
Date

## II. IDENTIFICATION OF THE ENDORSEMENT

### A. DESCRIPTION OF THE ENDORSEMENT

#### 1. Occupational Endorsement Title:

Wildland Fire Science Occupational Endorsement

#### 2. Admission Requirements and Prerequisites:

Admission is open to all individuals with an interest in pursuing a career in Wildland Fire. This includes students that are new to the field as well as students who are currently involved in Wildland Fire in some capacity.

Students must have a high school diploma or GED, or be enrolled in a university sponsored Tech Prep or Early College program. No previous training or work experience is required, although some familiarity with wildland fire work and the strength to operate a wildland chainsaw and pump is recommended.

#### 3. Course Descriptions:

##### **FIRE F151 3 credits**

##### **Wildland Firefighter I**

Designed to provide entry-level wildland firefighters the skills and knowledge to safely function as a member of a firefighting crew. Course includes fundamental knowledge of wildland fire organization, fire behavior, suppression methods, safety, and the incident command system. (3+0)  
Offered Spring

##### **FIRE F152 3 credits**

##### **Wildland Firefighter II**

Provides wildland firefighters with knowledge and skills in the deployment, use, safe practices and field maintenance

of engine powered wildland firefighting tools including portable pumps and chain saws. (2.5 + 1) Offered Spring

**FIRE F153 2 credits**

**Wildland Firefighter III**

Designed to meet the training needs of the Advanced Wildland Firefighter. Includes training in the use of fireline reference materials, recognition and mitigation of safety issues, and provides a solid foundation of basic leadership skills. (2+0) Offered Fall

**FIRE F157 3 credits**

**Wildland Air Operations**

Introduction to aircraft types and capabilities, aviation policy and safety for flying in and working with agency aircraft, tactical and logistical uses of aircraft, and requirements for helicopter take-off and landing areas. This course is designed to provide student proficiency in all areas of the tactical and logistical use of helicopters to achieve efficiency and standardization. Topics include aviation safety, aircraft capabilities and limitations, aviation life support equipment, aviation mishap reporting, pre-flight checklist and briefing/debriefing, aviation transportation of hazardous materials, crash survival, helicopter operations. Emphasis is on aviation safety. (3+0) Offered Fall

**4. Requirements for the Endorsement:**

**a) Sample Course of Study and 3-year Cycle:**

**Year 1**

**Spring**

FIRE F151 3 credits

FIRE F152 3 credits

Spring total 6 credits

**Fall**

FIRE F153 2 credits

FIRE F157 3 credits

Fall total 5 credits

Total Occupational Endorsement credits 11 credits