

FORMAT 5

**Submit originals and one copy and electronic copy to Governance/Faculty Senate Office
(email electronic copy to fysenat@uaf.edu)**

PROGRAM/DEGREE REQUIREMENT CHANGE (MAJOR/MINOR)
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SUBMITTED BY:

Department	Emergency Services: Fire Science	College/School	CRCO/CTC
Prepared by	John George	Phone	907-347-8386
Email Contact	jgeorge@alaska.edu	Faculty Contact	John George

See <http://www.uaf.edu/uafgov/faculty/cd> for a complete description of the rules governing curriculum & course changes.

PROGRAM IDENTIFICATION:

DEGREE PROGRAM	Emergency Services: Wildland Fire Control
Degree Level: (i.e., Certificate, A.A., A.A.S., B.A., B.S., M.A., M.S., Ph.D.)	A.A.S.

A. CHANGE IN DEGREE REQUIREMENTS: (Brief statement of program/degree changes and objectives)

Integrate 15 new courses into the Wildland Fire Control A.A.S. degree, of which 5 will be wildland foundation program requirements and 10 will be major electives to help students better specify their career field in wildland fire. There will also be a change to 10 courses that are currently part of the degree program. These new and updated courses will realign the degree with current industry standards.

B. CURRENT REQUIREMENTS AS IT APPEARS IN THE CATALOG:**Wildland Fire Control**

1. Complete the [general university requirements](#).
2. Complete the [A.A.S. degree requirements](#).
3. Complete the following program (major) requirements: *
 - a. Complete the following:

EMS F170--EMT: Emergency Medical Technician I--6 credits
 FIRE F131--Firefighter I, Series I--3 credits
 FIRE F133--Firefighter I, Series II--3 credits
 FIRE F135--Firefighter I, Series III--3 credits
 FIRE F137--Firefighter I, Series IV--3 credits
 FIRE F151--Wildland Fire Control I--3 credits
 FIRE F153--Advanced Wildland Firefighter--3 credits
 FIRE F155--Wildland Fire Behavior--3 credits
 FIRE F157--Wildland Air Operations and Safety--3 credits
 FIRE F159--Wildland Fire Operations Function--3 credits
 FIRE F252--Wildland Fire Prevention--3 credits
 FIRE F254--Wildland Fire Finance Function--3 credits

FIRE F262--Wildland Fire Control II--3 credits

- b. Complete 12 credits from the following major elective courses:

FIRE F161--Wildland Fire Logistics Function--3 credits

FIRE F165--Wildland Fire Planning Function--3 credits

FIRE F216--Methods of Instruction for Emergency Services Training--3 credits

FIRE F256--Wildland Fire Planning and Multiple Use Management--3 credits

FIRE F258--Wildland Fuels Management--3 credits

FIRE F270--Wildland Fire Command Function--3 credits

4. Minimum credits required--69 credits

* *Students must earn a C grade (2.0) or better in each course.*

Note: Major electives and general electives must be approved by the student's advisor.

**C. PROPOSED REQUIREMENTS AS IT WILL APPEAR IN THE CATALOG WITH THESE CHANGES:
(Underline new wording strike through old wording and use complete catalog format)**

Wildland Fire Control

1. Complete the [general university requirements](#).
2. Complete the [A.A.S. degree requirements](#).
3. Complete the following program (major) requirements: *
 - a. Complete the following:

EMS F170--EMT: Emergency Medical Technician I--6 credits

~~FIRE F131--Firefighter I, Series I--3 credits~~

~~FIRE F133--Firefighter I, Series II--3 credits~~

~~FIRE F135--Firefighter I, Series III--3 credits~~

~~FIRE F137--Firefighter I, Series IV--3 credits~~

FIRE F151--Wildland Fire Control Firefighter I--3 credits

FIRE F152--Wildland Firefighter II--3 credits

FIRE F153--~~Advanced~~ Wildland Firefighter III--3 2 credits

FIRE F154--Basic Wildland Fire Safety--1.5 credits

FIRE F155--Wildland Fire Behavior I--3 2 credits

FIRE F157--Wildland Fire Air Operations and Safety--3 credits

FIRE F159--Wildland Fire Interface Operations Function--3 2 credits

~~FIRE F176--Wildland Fire Ignition Operations--1 credit~~

~~FIRE F251--Wildland Firefighter IV--3 credits~~

FIRE F252--Wildland Fire Prevention I--3 credits

FIRE F254--Wildland Fire Incident Finance Function and Administration--3 1.5 credits

~~FIRE F255--Wildland Fire Behavior II--2 credits~~

b. Complete ~~12~~ 15 credits from the following major elective courses:

~~FIRE F161—Wildland Fire Incident Logistics Function--3~~ 2 credits

~~FIRE F163—Wildland Fire Dispatch I—2~~ credits

~~FIRE F165--Wildland Fire ICS and the Incident Planning Function--3~~ 2 credits

~~FIRE F170—Introduction to Incident Information—2~~ credits

~~FIRE F216--Methods of Instruction for Emergency Services Training--3~~ credits

~~FIRE F253—Wildland Fire Investigation I—3~~ credits

~~FIRE F256—Wildland Fire Planning and Multiple Use Management--3~~ credits

~~FIRE F257—Wildland Fire Helicopter Management—2~~ credits

~~FIRE F258—Wildland Fuels Management—3~~ credits

~~FIRE F262--Wildland Fire Control--3~~ 2 credits

~~FIRE F264—Incident Business Practices—1.5~~ credits

~~FIRE F270—Wildland Fire Command Function—3~~ credits

~~FIRE F276—Prescribed Fire I—2~~ credits

~~FIRE F277—Prescribed Fire II—2~~ credits

~~FIRE F279—Prescribed Fire III—2~~ credits

4. Minimum credits required--~~69~~ 63 credits

* Students must earn a C grade (2.0) or better in each course.

Note: Major electives and general electives must be approved by the student's advisor.

D. ESTIMATED IMPACT

WHAT IMPACT, IF ANY, WILL THIS HAVE ON BUDGET, FACILITIES/SPACE, FACULTY, ETC.

Positive impact: Realigns the degree to current industry standards and allows a more clear and concise pathway to a career in Wildland Fire. This change will produce a more viable degree, which in turn will attract more students to the program.

Negative impact: None anticipated

E. IMPACTS ON PROGRAMS/DEPTS:

What programs/departments will be affected by this proposed action?

Include information on the Programs/Departments contacted (e.g., email, memo)

Community and Technical College – Emergency Services: Wildland Fire Control
School of Management - Bachelors of Emergency Management

F. IF MAJOR CHANGE - ASSESSMENT OF THE PROGRAM:

Description of the student learning outcomes assessment process.)

Upon graduation, Wildland Fire Science majors will be skilled and qualified in intermediate wildfire management. The training offered in this degree change will provide the graduate with an expertise in the subject matter as well as increased employability within the industry.

When combined with summer field experience, graduates of the new Wildland Fire Science A.A.S. should be trained and qualified in several areas including: operations, air operations, plans, logistics, dispatch and basic incident command. Graduates will also be EMT I qualified and have an understanding of fireline safety, fire behavior, fire weather, urban interface operations, chain saw and pump operations, and fireline leadership.

Students who graduate with an A.A.S. will have several employment opportunities at the state, federal and private levels which includes: state departments of natural resources, BLM, USFS, BIA, U.S. Fish and Wildlife, and a plethora of private wildfire contracting companies. The A.A.S. will help graduates to be employed into upper management in positions such as: Suppression Foreman, Assistant Fire Management Officers (AFMO), and Fire Management Officers (FMO).

The changes to this degree program will provide more up-to-date and organized information. These changes are necessary to better fit the current industry standard in Wildland Fire. Students will benefit from these updates by being better able to put their training to use out in the field.

JUSTIFICATION FOR ACTION REQUESTED

The purpose of the department and campus-wide curriculum committees is to scrutinize program/degree change applications to make sure that the quality of UAF education is not lowered as a result of the proposed change. Please address this in your response. This section needs to be self-explanatory. If you drop a course, is it because the material is covered elsewhere? Use as much space as needed to fully justify the proposed change and explain what has been done to ensure that the quality of the program is not compromised as a result.

This degree change has been recommended by our wildland fire task force to meet the current industry needs for wildland fire. The course is composed of preexisting NWCG courses and realigns the degree and curriculum to match industry presentation methods.

APPROVALS:

AS PER ATTACHED

	Date	
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**Signature, Chair,
Program/Department of:**

	Date	
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**Signature, Chair, College/School Curriculum
Council for:**

	Date	
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Signature, Dean, College/School of:

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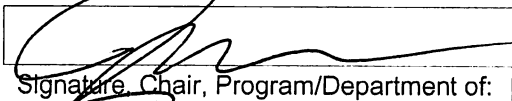
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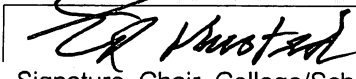
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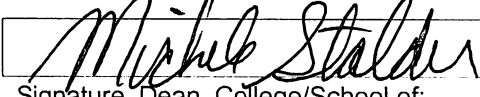
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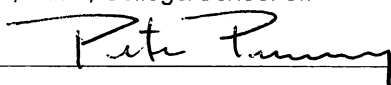
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APPROVALS:



 Date 10/4/12
Signature, Chair, Program/Department of: Emergency Services and Public Safety

 Date 11-19-12
Signature, Chair, College/School Curriculum Council for: CTC

 Date 11/19/12
Signature, Dean, College/School of: CTC

 CTC CRCD 12/3/12

ALL SIGNATURES MUST BE OBTAINED PRIOR TO SUBMISSION TO THE GOVERNANCE OFFICE

 Date 
Signature, Chair, UAF Faculty Senate Curriculum Review
Committee