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PROGRAM/DEGREE REQUIREMENT CHANGE (MAJOR/MINOR)

SUBMITTED BY:

Department	Emergency Services	College/School	UAF Community & Technical College
Prepared by	Ed Husted	Phone	455-2879
Email Contact	eshusted@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 Concentration in Municipal Fire Control Concentration in Wildland Fire Control
<i>Degree Level: (i.e., Certificate, A.A., A.A.S., B.A., B.S., M.A., M.S., Ph.D.)</i>	A.A.S.

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

The sole purpose of this format is to change the name of the A.A.S. degree in "Emergency Services," with concentrations in "Municipal Fire Control" and "Wildland Fire Control," to an A.A.S. degree in "Fire Science" with the same two concentrations. Substantial confusion has resulted from the manner in which the Fire Science degree is listed in the Catalog:

1. All of the Fire Science courses are listed in the "Course Descriptions" section of the Catalog under the caption "Fire Science." (See attached pages 349-350 from the Catalog).
2. All of the courses are identified by the designation "FIRE."
3. The index at the end of the Catalog provides a listing for "Fire Science," and refers to the "FIRE" courses as beginning at page 349 of the Catalog. (See attached page 484 from the Catalog).
4. However, all information regarding the degree is listed in the "Certificate and Associate Degree Programs" section of the Catalog under "Emergency Services." (See attached pages 113-114 from the Catalog). The "Emergency Services" degree was originally developed to place three programs, Paramedic, Law Enforcement, and Fire Science, as concentrations within a single degree. However, recently a separate A.A.S. degree in Paramedicine has been created and is now listed in the Catalog at page 123. In addition, the Law Enforcement program now offers a "Law Enforcement Academy," which is listed in the Catalog at page 90. Both programs are now separate from their former placement within the "Emergency Services" degree, leaving the "Fire Science" degree standing alone, but still listed under "Emergency Services."

B. CURRENT REQUIREMENTS AS IT APPEARS IN THE CATALOG:

Emergency Services

College of Rural and Community Development
Community and Technical College
907-455-2853
www.ctc.uaf.edu/programs/emergency/

AAS Degree

Minimum Requirements for Degree: 63 – 69 credits

The UAF emergency services program provides classroom education, hands-on training and practical vocational experience through 10 local fire and rescue organizations. The program offers students a fundamental working knowledge of the various aspects of municipal fire, wildland fire, and hazardous materials control.

Instructors provide a high level of technical expertise on a variety of specialty emergency services. The primary goal of this program is to make our students the most attractive candidates for job openings and promotions within fire and other emergency services fields.

Associate degrees in municipal fire control, wildlands fire control, hazardous materials and public safety are offered.

Major — AAS Degree

Concentrations: Hazardous Materials Control, Municipal Fire Control, Public Safety and Wildland Fire Control
Hazardous Materials Control

1. Complete the general university requirements (page 95).
2. Complete the AAS degree requirements (page 99). Complete the following program (major) requirements:*

a. Complete the following:

EMS F170—EMT: Emergency Medical Technician I.....	6
FIRE F110—Introduction to Hazardous Waste Operations and Emergency Response.....	3
FIRE F121—Fire Behavior and Combustion.....	3
FIRE F131—Fire Fighter I Series I.....	3
FIRE F133—Fire Fighter I Series II.....	3
FIRE F135—Fire Fighter I Series III.....	3
FIRE F137—Fire Fighter I Series IV.....	3
FIRE F203—Hazardous Materials Chemistry I.....	3
FIRE F205—Hazardous Materials Chemistry II.....	3
FIRE F207—Hazardous Materials Technician.....	3
FIRE F209—Hazardous Materials Command/Safety Officer.....	3
FIRE F210—Fire Administration I.....	3

b. Complete 9 credits from the following major elective courses:

FIRE F212—Building and Fire Codes.....	3
FIRE F215—Advanced Hazardous Materials Technician.....	3
FIRE F216—Methods of Instruction for Emergency Services Training	.3
FIRE F231—Hazardous Materials Tactical Operations.....	3
FIRE F249—Computer Aided Management of Emergency Operations	.3
FIRE F293—Special Topics.....	3
3. General electives.....	6
4. Minimum credits required.....	69

* Students must earn a C- grade or better in each course.

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

Municipal Fire Control

1. Complete the general university requirements (page 95).
2. Complete the AAS degree requirements (page 99).
3. Complete the following program (major) requirements:*

a. Complete the following:	
EMS F170—EMT: Emergency Medical Technician I.....	6
FIRE F101—Principles of Emergency Services.....	3
FIRE F105—Fire Prevention.....	3
FIRE F107—Strategy and Tactics.....	3
FIRE F117—Rescue Practices.....	3
FIRE F121—Fire Behavior and Combustion.....	3
FIRE F131—Fire Fighter I Series I.....	3
FIRE F133—Fire Fighter I Series II.....	3
FIRE F135—Fire Fighter I Series III.....	3
FIRE F137—Fire Fighter I Series IV.....	3
FIRE F202—Fire Protection Hydraulics and Water Supply... ..	3
FIRE F203—Hazardous Materials Chemistry I.....	3
FIRE F206—Building Construction for Fire Protection.....	3
FIRE F210—Fire Administration I.....	3
FIRE F214—Fire Protection Systems.....	3

- b. Complete 6 credits from the following major specialty electives:

FIRE F115—Fire Apparatus and Equipment.....	3
FIRE F123—Fire Investigations I.....	3
FIRE F151—Wildland Fire Control I.....	3
FIRE F205—Hazardous Materials Chemistry II.....	3
FIRE F207—Hazardous Materials Technician.....	3
FIRE F212—Building and Fire Codes.....	3
FIRE F216—Methods of Instruction for Emergency Services Training	.3
FIRE F218—Advanced Rescue Practices.....	3
FIRE F232—Fire Fighter II.....	3
EMS F261—EMT: Emergency Medical Technician II.....	3
4. Minimum credits required.....	69

* Students must earn a C- grade or better in each course.

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

Public Safety

1. Complete the general university requirements (page 95).
2. Complete the AAS degree requirements (page 99).
3. Complete the following program (major) requirements:*

- a. Complete the following:

AVTY F231/EMS F257—Arctic Survival.....	3
EMS F170—EMT: Emergency Medical Technician I.....	.6
EMS F176—Aeromedical Evacuations in Alaska.....	1
FIRE F101—Principles of Emergency Services.....	3
FIRE F105—Fire Prevention.....	3
FIRE F117—Rescue Practices.....	3
FIRE F127—Vessel Safety: Emergency Equipment and Procedures.....	1
FIRE F131—Firefighter I, Series I.....	3
FIRE F133—Firefighter I, Series II.....	3
FIRE F135—Firefighter I, Series III.....	3
FIRE F137—Firefighter I, Series IV.....	3
FIRE F218—Advanced Rescue Practices.....	3
JUST F110—Introduction to Justice.....	3
JUST F340—Rural Justice in Alaska.....	3
JUST F358—Juvenile Delinquency.....	3

- b. Complete 9 credits from the following major electives:

EMS F261—EMT: Emergency Medical Technician II.....	3
FIRE F123—Fire Investigations I.....	3

FIRE F151—Wildland Fire Control I.....	3
FIRE F212—Building and Fire Codes.....	3
FIRE F216—Methods of Instruction for Emergency Services Training...	3
JUST F345W—Police Problems.....	3
JUST F352—Criminal Law.....	3
JUST F354—Procedural Law.....	3
4. Minimum credits required.....	68

* Students must earn a C- grade or better in each course.

Wildland Fire Control

1. Complete the general university requirements (page 95).
2. Complete the AAS degree requirements (page 99).
3. Complete the following program (major) requirements:*

a. Complete the following:

EMS F170—EMT: Emergency Medical Technician I.....	6
FIRE F151—Wildland Firefighter I.....	3
FIRE F152 Wildland Firefighter II.....	3
FIRE F153—Wildland Firefighter III.....	2
FIRE F154 Basic Wildland Fire Safety.....	1.5
FIRE F155—Wildland Fire Behavior I.....	2
FIRE F157—Wildland Air Operations.....	3
FIRE F159—Wildland Fire Interface Operations.....	2
FIRE F176 Wildland Fire Ignition Operations.....	1
FIRE F251 Wildland Firefighter IV.....	3
FIRE F252—Wildland Fire Prevention I.....	3
FIRE F254—Incident Finance and Administration.....	1.5
FIRE F255—Wildland Fire Behavior II.....	2

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

FIRE F161—Incident Logistics Function.....	2
FIRE F163 Wildland Fire Dispatch I.....	2
FIRE F165—ICS and the Incident Planning Function.....	2
FIRE F170 Introduction to Incident Information.....	2
FIRE F216—Methods of Instruction for Emergency Services Training...	3
FIRE F253 Wildland Fire Investigation I.....	3
FIRE F257—Wildland Fire Helicopter Management.....	2
FIRE F262—Wildland Fire Tactical Operations.....	2
FIRE F264—Incident Business Practices.....	1.5
FIRE F276 Prescribed Fire I.....	2
FIRE F277 Prescribed Fire II.....	2
FIRE F279 Prescribed Fire III.....	2
4. Minimum credits required.....	63

* Students must earn a C- grade or better in each course.

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

Minor

1. Complete the following:

FIRE F131—Firefighter I, Series I.....	3
FIRE F133—Firefighter I, Series II.....	3
FIRE F135—Firefighter I, Series III.....	3
FIRE F137—Firefighter I, Series IV.....	3
EMS F170—Emergency Medical Technician I.....	6
2. Minimum credits required.....	18

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)

Emergency Services Fire Science

College of Rural and Community Development
Community and Technical College
907-455-2853
www.ctc.uaf.edu/programs/emergency/

AAS Degree
Minimum Requirements for Degree: 63 – 69 credits

The UAF ~~emergency-services~~ fire science program provides classroom education, hands-on training and practical vocational experience through 40 local fire and rescue organizations. ~~The program offers students a fundamental working knowledge of the various aspects of municipal fire, wildland fire, and hazardous materials control.~~

Instructors provide a high level of technical expertise on a variety of ~~specialty~~ emergency and fire science services. The primary goal of this program is to make our students the most attractive candidates for job openings and promotions within fire and other emergency services fields.

~~Associate degrees in municipal fire control, wildlands fire control, hazardous materials and public safety are offered.~~

Major — AAS Degree
Concentrations: Hazardous Materials Control, Municipal Fire Control, Public Safety and Wildland Fire Control
Hazardous Materials Control

1. Complete the general university requirements (page 95).
2. Complete the AAS degree requirements (page 99). Complete the following program (major) requirements:*

a. Complete the following:

EMS F170—EMT: Emergency Medical Technician I.....	6
FIRE F110—Introduction to Hazardous Waste Operations and Emergency Response.....	3
FIRE F121—Fire Behavior and Combustion.....	3
FIRE F131—Fire Fighter I Series I.....	3
FIRE F133—Fire Fighter I Series II.....	3
FIRE F135—Fire Fighter I Series III.....	3
FIRE F137—Fire Fighter I Series IV.....	3
FIRE F203—Hazardous Materials Chemistry I.....	3
FIRE F205—Hazardous Materials Chemistry II.....	3
FIRE F207—Hazardous Materials Technician.....	3
FIRE F209—Hazardous Materials Command/Safety Officer.....	3
FIRE F210—Fire Administration I.....	3

b. Complete 9 credits from the following major elective courses:

FIRE F212—Building and Fire Codes.....	3
FIRE F215—Advanced Hazardous Materials Technician.....	3
FIRE F216—Methods of Instruction for Emergency Services Training ..	3
<u>FIRE F220—Emergency Services Safety, Health and Survival</u>	<u>3</u>
FIRE F231—Hazardous Materials Tactical Operations.....	3
FIRE F249—Computer Aided Management of Emergency Operations ..	3
FIRE F293—Special Topics.....	3
3. General electives.....	6
4. Minimum credits required.....	69

* Students must earn a C- grade or better in each course.

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

Municipal Fire Control

1. Complete the general university requirements (page 95).
2. Complete the AAS degree requirements (page 99).
3. Complete the following program (major) requirements:*

a. Complete the following:	
EMS F170—EMT: Emergency Medical Technician I.....	6
FIRE F101—Principles of Emergency Services.....	3
FIRE F105—Fire Prevention.....	3
FIRE F107—Strategy and Tactics.....	3
FIRE F117—Rescue Practices.....	3
FIRE F121—Fire Behavior and Combustion.....	3
FIRE F131—Fire Fighter I Series I.....	3
FIRE F133—Fire Fighter I Series II.....	3
FIRE F135—Fire Fighter I Series III.....	3
FIRE F137—Fire Fighter I Series IV.....	3
FIRE F202—Fire Protection Hydraulics and Water Supply... ..	3
FIRE F203—Hazardous Materials Chemistry I.....	3
FIRE F206—Building Construction for Fire Protection.....	3
FIRE F210—Fire Administration I.....	3
FIRE F214—Fire Protection Systems.....	3

- b. Complete 6 credits from the following major specialty electives:

FIRE F115—Fire Apparatus and Equipment.....	3
FIRE F123—Fire Investigations I.....	3
FIRE F151—Wildland Fire Control I.....	3
FIRE F205—Hazardous Materials Chemistry II.....	3
FIRE F207—Hazardous Materials Technician.....	3
FIRE F212—Building and Fire Codes.....	3
FIRE F216—Methods of Instruction for Emergency Services Training	3
FIRE F218—Advanced Rescue Practices.....	3
FIRE F232—Fire Fighter II.....	3
EMS F261—EMT: Emergency Medical Technician II.....	3
4. Minimum credits required.....	69

* Students must earn a C- grade or better in each course.

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

Public Safety

1. Complete the general university requirements (page 95).
2. Complete the AAS degree requirements (page 99).
3. Complete the following program (major) requirements:*

- a. Complete the following:

AVTY F231/EMS F257—Arctic Survival.....	3
EMS F170—EMT: Emergency Medical Technician I.....	6
EMS F176—Aeromedical Evacuations in Alaska.....	1
FIRE F101—Principles of Emergency Services.....	3
FIRE F105—Fire Prevention.....	3
FIRE F117—Rescue Practices.....	3
FIRE F127—Vessel Safety: Emergency Equipment and Procedures.....	1
FIRE F131—Firefighter I, Series I.....	3
FIRE F133—Firefighter I, Series II.....	3
FIRE F135—Firefighter I, Series III.....	3
FIRE F137—Firefighter I, Series IV.....	3
FIRE F218—Advanced Rescue Practices.....	3
JUST F110—Introduction to Justice.....	3
JUST F340—Rural Justice in Alaska.....	3
JUST F358—Juvenile Delinquency.....	3

- b. Complete 9 credits from the following major electives:

EMS F261—EMT: Emergency Medical Technician II.....	3
FIRE F123—Fire Investigations I.....	3

FIRE F151—Wildland Fire Control I.....	3
FIRE F212—Building and Fire Codes.....	3
FIRE F216—Methods of Instruction for Emergency Services Training...	3
JUST F345W—Police Problems.....	3
JUST F352—Criminal Law.....	3
JUST F354—Procedural Law.....	3
4. Minimum credits required.....	68

* Students must earn a C- grade or better in each course.

Wildland Fire Control

1. Complete the general university requirements (page 95).
2. Complete the AAS degree requirements (page 99).
3. Complete the following program (major) requirements:*

a. Complete the following:

EMS F170—EMT: Emergency Medical Technician I.....	6
FIRE F151—Wildland Firefighter I.....	3
FIRE F152 Wildland Firefighter II.....	3
FIRE F153—Wildland Firefighter III.....	2
FIRE F154 Basic Wildland Fire Safety.....	1.5
FIRE F155—Wildland Fire Behavior I.....	2
FIRE F157—Wildland Air Operations.....	3
FIRE F159—Wildland Fire Interface Operations.....	2
FIRE F176 Wildland Fire Ignition Operations.....	1
FIRE F251 Wildland Firefighter IV.....	3
FIRE F252—Wildland Fire Prevention I.....	3
FIRE F254—Incident Finance and Administration.....	1.5
FIRE F255—Wildland Fire Behavior II.....	2

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

FIRE F161—Incident Logistics Function.....	2
FIRE F163 Wildland Fire Dispatch I.....	2
FIRE F165—ICS and the Incident Planning Function.....	2
FIRE F170 Introduction to Incident Information.....	2
FIRE F216—Methods of Instruction for Emergency Services Training	3
FIRE F253 Wildland Fire Investigation I.....	3
FIRE F257—Wildland Fire Helicopter Management.....	2
FIRE F262—Wildland Fire Tactical Operations.....	2
FIRE F264—Incident Business Practices.....	1.5
FIRE F276 Prescribed Fire I.....	2
FIRE F277 Prescribed Fire II.....	2
FIRE F279 Prescribed Fire III.....	2
4. Minimum credits required.....	63

* Students must earn a C- grade or better in each course.

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

Minor

1. Complete the following:

FIRE F131—Firefighter I, Series I.....	3
FIRE F133—Firefighter I, Series II.....	3
FIRE F135—Firefighter I, Series III.....	3
FIRE F137—Firefighter I, Series IV.....	3
EMS F170—Emergency Medical Technician I.....	6
2. Minimum credits required.....	18

D. ESTIMATED IMPACT

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

This change will have no impact on budget, facilities, space or faculty.

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)

The change requested by this format will only affect the Fire Science program.

F. IF MAJOR CHANGE - ASSESSMENT OF THE PROGRAM:

Description of the student learning outcomes assessment process.)


The Fire Science program will make no change in how it assesses student learning outcomes. It will continue to use its current process.

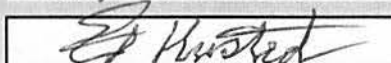
JUSTIFICATION FOR ACTION REQUESTED

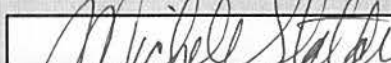
The purpose of the department and campus-wide curriculum committees is to scrutinize program/degree change applications to make sure that the quality of UAF education is not lowered as a result of the proposed change. Please address this in your response. This section needs to be self-explanatory. If 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.

The sole purpose of the requested name change is to avoid the confusion resulting from continuing to use the name "Emergency Services" in the Catalog to describe the "Fire Science" degree, when all of its courses are listed under "Fire Science" and its courses are designed as "FIRE."

APPROVALS:

 Date 2/25/14
Signature, Chair,
Program/Department of: Emergency Services

 Date 2-25-14
Signature, Chair, College/School Curriculum Council
for: CTC

 Date 2/25/14
Signature, Dean, College/School of: UAF CTC

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

Date
Signature, Chair, UAF Faculty Senate Curriculum Review Committee