

FIRE SCIENCE

A.A.S. DEGREE in “EMERGENCY SERVICES: WILDLAND FIRE CONTROL”

Background

1. **1999:** In the 1999-2000 UAF Catalog, “**Fire Science**” was a separate program, offering three A.A.S. degrees: Wildlands Fire Control, Municipal Fire Control, and Hazardous Materials Control.

2. **2000:** The following year, as part of some major restructuring of UAF programs, the “Fire Science” program was suspended and in the 2000-2001 UAF Catalog, all fire science programs were combined as concentrations under a new “**Emergency Services**” A.A.S. degree. The four concentrations were: Wildlands Fire Control, Municipal Fire Control, Hazardous Materials Control, and Public Safety.

3. **2007:** When the “Paramedic Academy” was initiated in the former Tanana Valley Campus, its courses were placed within the “Public Safety” concentration of the “Emergency Services” degree. This began to cause issues since many students sought training in fire fighting and paramedic, but were not allowed to earn two concentrations under the same A.A.S. degree.

4. **2012:** In the current 2012-2013 UAF Catalog, this is how the fire science and paramedic programs are listed.

5. **2012:** In the spring of 2012, under another restructuring of community college programs, with guidance from Provost Henrichs, the fire science and paramedic programs were separated into three separate and distinct A.A.S. degrees:

- a. Paramedic, formerly an “Academy,” became a totally new A.A.S. “Paramedicine” degree. It will appear as such in the next UAF Catalog.
- b. Fire Science, Wildland Fire Control. Two of the former late 1990's “Fire Science” degrees have been “unsuspended” and are now formally a part of the fire science program. The program’s current emphasis is to revise the **Wildland Fire Control** curriculum, since much has changed since the late 1990's.
- [c. Fire Science, Municipal Fire Control. At a later date, the program will also revise the Municipal Fire Control curriculum.]
- [d. Law Enforcement As a separate part of the restructuring the current “Law Enforcement Academy” will be melded into the former “Justice” A.A.S., which was suspended at the same time the “Fire Science” A.A.S. was suspended. The former “Justice” A.A.S. has now also been “unsuspended” but a new name and curriculum have not as yet been developed.]

The goal is to offer four separate and distinct A.A.S. degrees: 1) Fire Science, Wildland Fire Control; 2) Fire Science, Municipal Fire Control; 3) Paramedicine; and 4) Law Enforcement.

#108; Format 5

Degree Requirement Change: A.A.S. in Wildland Fire Control.

The format explains the goal of integrating several new courses into the Wildland Fire Control A.A.S. degree, of which several will be wildland foundation program requirements and ten will be major electives to help students better specify their career goal in wildland fire. There will also be a change to several additional courses that are currently part of the degree program. These new and updated courses will realign the degree with current industry standards.

100-level courses

NOTE: FIRE 151, 152, 153 and 157 are required for the new proposed Occupational Endorsement in Wildland Fire Control]

<u>CRC No.</u>	<u>Course No.</u>	<u>Format No.</u>	<u>Description</u>	<u>New Credits</u>
	FIRE 151	Format 2A	<u>Change Course</u> "Wildland Fire Control I" (Required) - change course title to " Wildland Firefighter I " - change course description. Can be treated as a <u>Format 2A</u> (minor course change) - syllabus not needed	3 credits
#109*	FIRE 152	Format 1	<u>NEW COURSE</u> "Wildland Firefighter II (Required)	3 credits
#110	FIRE 153	Format 2	<u>Change Course</u> "Advanced Wildland Firefighter" (Required) - change course title to " Wildland Firefighter III " - change course description - change credits from 3 to 2	2 credits
#111	FIRE 154	Format 1	<u>NEW COURSE</u> "Basic Wildland Fire Safety" (Required)	1.5 credits
#112	FIRE 155	Format 2	<u>Change Course</u> "Wildland Fire Behavior" (Required) - change course title to "Wildland Fire Behavior I" - change course description - change credits from 3 to 2	2 credits

*Approved 12/13/2012 at CRC

<u>CRC No.</u>	<u>Course No.</u>	<u>Format No.</u>	<u>Description</u>	<u>New Credits</u>
	FIRE 157	Format 2A	<u>Change Course</u> "Wildland Air Operations and Safety" (Required) - change course title to "Wildland Air Operations" - change course description. Can be treated as a <u>Format 2A</u> (minor course change) - syllabus not needed	3 credits
#113	FIRE 159	Format 2	<u>Change Course</u> "Wildland Fire Operations Function" (Required) - change course title to "Wildland Fire Urban Interface Operations" - change course description - change credits from 3 to 2	2 credits
#114	FIRE 161	Format 2	<u>Change Course</u> "Wildland Fire Logistics Function" (Elective) - change course title to "Incident Logistics Function" - change course description - change credits from 3 to 2	2 credits
#115	FIRE 163	Format 1	<u>NEW COURSE</u> "WILDLAND FIRE DISPATCH" (Elective)	2 credits
#116	FIRE 165	Format 2	"Wildland Fire Planning Function" (Elective) - change course title to "ICS and the Incident Planning Function" - change course description - change credits from 3 to 2	2 credits
#117	FIRE 170	Format 1	<u>NEW COURSE</u> "INCIDENT INFORMATION" (Elective)	2 credits
#118	FIRE 176	Format 1	<u>NEW COURSE</u> "WILDLAND FIRE IGNITION OPERATIONS" (Required)	1 credit

200-level courses

#119	FIRE 251	Format 1	<u>NEW COURSE</u> "WILDLAND FIREFIGHTER IV" (Required)	3 credits
#120	FIRE 252	Format 1	<u>NEW COURSE</u> "WILDLAND FIRE PREVENTION I" (Required)	3 credits

<u>CRC No.</u>	<u>Course No.</u>	<u>Format No.</u>	<u>Description</u>	<u>New Credits</u>
#121	FIRE 253	Format 1	<u>NEW COURSE</u> "WILDLAND FIRE INVESTIGATION" (Elective)	3 credits
#122	FIRE 254	Format 2	<u>Change Course</u> "Wildland Fire Finance Function" (Required) - Change course title to "Incident Finance and Administration" - Change course description - Change credits from 3 to 1.5	1.5 credits
#123	FIRE 255	Format 1	<u>NEW COURSE</u> "WILDLAND FIRE BEHAVIOR II" (Required)	2 credits
#124	FIRE 257	Format 1	<u>NEW COURSE</u> "WILDLAND FIRE HELICOPTER MANAGEMENT" (Elective)	2 credits
#125	FIRE 262	Format 2	<u>Change Course</u> "Wildland Fire Control II" (Elective) - Change course title to "Wildland Fire Tactical Operations" - Change course description - Change credits from 3 to 2	2 credits
#126	FIRE 264	Format 1	<u>NEW COURSE</u> "INCIDENT BUSINESS PRACTICES" (Elective)	1.5 credits
#127	FIRE 276	Format 1	<u>NEW COURSE</u> "PRESCRIBED FIRE I" (Elective)	2 credits
#128	FIRE 277	Format 1	<u>NEW COURSE</u> "PRESCRIBED FIRE II" (Elective)	2 credits
#129	FIRE 278	Format 1	<u>NEW COURSE</u> "PRESCRIBED FIRE III" (Elective)	2 credits

Two minor errors:

1. Format 5, new catalog description lists final course as FIRE 279, it should be FIRE 278.
2. Format 1, FIRE 154, syllabus and Format 5 say 1.5 credits, but Format 1, line 1, says 1 credit)