

**NEW DEGREE PROGRAM REQUEST**  
(UA Regulation 10.04.020)

# Associate of Applied Science in Paramedicine

Submitted by the Faculty of the  
Department of Emergency Services  
UAF Community and Technical College  
College of Rural and Community Development

Chuck Kuhns, Assistant Professor  
Emergency Medicine



## Format 3: AAS in Emergency Medical Services, Fall 2010

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President, UAF Faculty Senate

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Chancellor

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President

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Board of Regents

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### II. Identification of the Program

#### A. Description of the Program

##### 1. Program title

Emergency Medical Services

##### 2. Credential level of the program, if appropriate

Associate of Applied Science

##### 3. Admissions requirements and prerequisites

EMS F170 – EMT: Emergency Medical Technician I

HLTH F114 – Fundamentals of Anatomy and Physiology (Recommended)

##### 4. Course descriptions of required and recommended elective courses. (For new courses, use FORMAT 1; to revise courses, use FORMAT 2)



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The University has a long-standing interest in educating individuals to meet workforce needs in Alaska. Paramedics work for fire departments, hospitals, flight services and other entities engaged in emergency medicine. Further, the Strategic Plan 2010 seeks to increase participation in experiential learning. The proposed Emergency Medical Services AAS includes experiential learning in each of the practicum courses – a total of 36 credit hours. The proposed AAS is also related to statements in Vision 2017, including:

Emphasize development of career and employability skills throughout UAF curriculum with active involvement of potential employers.

Identify career pathways and clusters appropriate to all UAF programs, consistent with U.S. Department of Labor categories.

Ensure basic competencies of all UAF students in communication, computation and critical thinking.

In addition, the proposed AAS is part of a career ladder that begins with tech-prep courses in high school (including a health careers track at Hutchison High School), the paramedic academy, the AAS in Emergency Medical Services, and the Bachelor's of Emergency Management.

### 3. Occupational/other competencies to be achieved

Fulfill didactic and clinical competency requirements for students to sit for national paramedic exam and become licensed paramedics

Ensure basic competencies of all UAF students in communication, computation and critical thinking.

### 4. Relationship of courses to the program objectives

Each of the courses relates to the objectives directly. There are no elective courses. The courses fall under each of the program goals as follows:

Program goal	Course related to that goal
The ability to comprehend, apply and evaluate clinical information relative to the role of an entry level paramedic	ENGL 111X ENGL 211X COMM 141X EMS 170 EMS 181 EMS 183 EMS 280 EMS 282 EMS 283 HLTH 114 HLTH 116 HLTH 106
The technical proficiency in all skills consistent with the role of an entry level paramedic	EMS 170 EMS 280 EMS 282





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Cathy Baldwin, Administrative Assistant

Maintain program records and files, assist with all correspondence, order supplies, assist in document preparations for practicum classes, and assist with scheduling of classes.

Nancy Wood, Administrative Assistant 1

Receptionist for the Emergency Services programs (Law Enforcement, Municipal Fire, and Paramedic) She also assist our adjunct faculty with classroom needs.

#### IV. Enrollment Information

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### E. Special restrictions on enrollments

Student must have the strength to be able to move patients, sufficient vision to assess the condition of the patient and the dexterity to perform the skills of a paramedic. Individuals applying to the Paramedic Program may be refused if they are convicted of a felony or class A misdemeanors that involves a crime against the person (AS

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separation. The other concentrations (municipal fire, wild land fire, hazardous materials, and public safety) existed as separate degrees in the past.

### VI. Other

This permits consideration of additional justifying information which might not fit under III and IV above. Caution should be exercised to assure that the need for program is clearly established and that enrollment requirements are proposed and agreed upon at the time of the program's approval. Examples might be low enrollment programs in Alaska Native Languages, Alaska Native Arts, etc.

Currently, there is a single Emergency Services AAS degree at UAF that includes 5 distinct concentrations: Municipal Fire Control, Wildland Fire Control, Hazardous Materials Control, Public Safety, and Emergency Medical Services. For unknown reasons the five concentrations were placed under a single AAS degree. The current job market and university procedures advocate the concentrations be separating into distinct, stand-alone AAS degrees. Those reasons include:

They are sufficiently distinct that they merit stand alone degrees.

Students often need to complete both a fire science degree and an emergency medical services degree in order to be competitive for advanced positions. However, they cannot be awarded two Emergency Services AAS degrees in different concentrations unless they graduate with dual concentrations in the same semester. This limits the flexibility students have to return to school to advance their careers.

It is difficult to track students with the 5 different interests, since the UA computer system only tracks the primary AAS degree.

The 5 concentrations are sufficiently different that they merit separate student learning outcomes assessment plans.

With the exception of Emergency Medical Services, the other concentrations used to exist as separate degrees. Emergency medical Services and the paramedic program were added in 2000 after the other degrees had been merged into a single degree. For this reason, we must go forward as though this was an entirely new program. In reality, it has been in existence since 2000. By separating the five concentrations, we hope to be able to improve recruit, advice students, track, retain, and graduate all of our Emergency Services students.

### VII. Resource Impact

#### A. Budget (complete the Resource Commitment Form)

Please see the attached Resource Commitment Form.

#### B. Facilities/space needs

No new facilities or space is needed beyond that which currently meets the needs of the Paramedic Academy.

#### C. Credit hour production

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There may be a slight increase in credit hour production, but only in the core courses, AAS requirement courses, and in the anatomy and physiology courses. This will result from better advertising, marketing, recruitment, and retention once we get the degrees separated. The Paramedic Program fills every year so we cannot increase those enrollments.

D. Faculty

No new faculty is needed.

E. Library/Media materials, equipment and services: Have you reviewed the Library/Media material, equipment and services needed by this proposed action with the Library Collection Development Officer? (Karen Jensen, 6695)

There is no need for additional library resources.

### VIII. Relation of Program to other Programs within the System

A. Effects on enrollments elsewhere in the system

This will result in minimal increase or no change to core courses, AAS requirement courses, and to HTLH 114. There may also be a slight increase in those entering the Bachelors in Emergency Management degree.

B. Does it duplicate/approximate programs anywhere in the system?

Yes. UAA offers the AAS in Emergency Medical Services.

If so, what is the justification for the duplication?

The UAF Paramedic Program is the only nationally accredited paramedic program in Alaska through the Commission on Accreditation of Allied Health Education Programs (CAAHEP). By being an accredited program, this protects the students' investment in their education by ensuring they graduate from a quality program and that instructors possess adequate qualifications to teach. Accreditation protects the public by ensuring the paramedic students receive a minimum standard of care by individuals who are properly trained.

The demand for both paramedic programs is high. Class size must remain small due to needs for expensive equipment and low faculty: student ratio. Students can complete many practicum experiences in either Fairbanks or Anchorage, but the state of Alaska requires students to travel to the lower 48, to complete a portion of their field internship practicum.

C. How does the program relate to research or service activities?

1. Contributions to research or service

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Much of the information required for the prospectus will already have been assembled while producing the Format 3 new degree program request. Instructions and a template are provided online at:

<http://www.uaf.edu/uafgov/faculty/cd/index.html>

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### Budget Resource Commitment Form

Resources	Existing	New		Total
	College/School	College/School	Others (Specify)	
Regular Faculty (FTE's & dollars)	1.5 FTE \$159,808	0		1.5FTE \$159,808
Adjunct Faculty (FTE's & dollars)	1.82 \$53,286	0		1.82 \$53,286
Program Assistants (Headcount)	6	0		6
Instructional Facilities (in dollars and/or sq. footage)	1,640 sq. ft.	0		1,640 sq. ft.
Office Space (Sq. footage)	771 sq. ft.	0		771 sq. ft.
Lab Space (Sq. Footage)	843 sq. ft.	0		843 sq. ft.
Computer & Networking (in dollars)	\$12,320	0		\$12,320
Research/ Instructional/ office Equipment (in dollars)	\$49,000	0		\$49,000
Support Staff (FTE's & dollars)	\$39,942	0		\$39,942
Supplies (in dollars)	\$38,435	0		\$38,435
Travel (in dollars)	\$6,565	0		\$6,565





**University of Alaska Board of Regents**  
Program Approval Summary Form

MAU: **University of Alaska Fairbanks**

Title: Associate of Applied Science in

Target admission date: **Fall, 2011**

Title  
How does the program relate to the Education mission of the University of Alaska and the MAU?

Who promoted the development of the program?

Emergency Services. Those seeking even more education may matriculate into the Bachelor of Emergency Management offered by the School of Management at UAF.

The UAF Paramedic Program is the only nationally accredited paramedic program in Alaska through the Commission on Accreditation of Allied Health Education Programs (CAAHEP). By being an accredited program, this protects the students' investment in their education by ensuring they graduate from a quality program and that instructors possess adequate qualifications to teach. Accreditation protects the public by ensuring the paramedic students receive a minimum standard of care by individuals who are properly trained.

What are the **Student** opportunities and outcomes? Enrollment projections?

The jobs for paramedics within the state are well-documented. According to the Alaska Department of Labor and Workforce Development

UAF Community & Technical College  
Student Learning Outcomes Assessment  
Paramedic Academy  
2010-2011