



**Board of Regents Program Action Request**  
**University of Alaska**  
Proposal to Add, Change, or Delete a Program of Study

1a. Major Academic Unit UAF	1b. School or College CRCDC CTC	1c. Department Paramedicine
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2. Complete Program Title Associate of Applied Science, Paramedicine

3. Type of Program

Undergraduate Certificate   
  AA/AAS   
  Baccalaureate   
  Post-Baccalaureate Certificate  
 Master's   
  Graduate Certificate   
  Doctorate

4. Type of Action <input checked="" type="checkbox"/> Add <input type="checkbox"/> Change <input type="checkbox"/> Delete	5. Implementation date (semester, year) Fall 2011
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6. Projected Revenue and Expenditure Summary. Not Required if the requested action is deletion. (Provide information for the 5<sup>th</sup> year after program or program change approval if a baccalaureate or doctoral degree program; for the 3<sup>rd</sup> year after program approval if a master's or associate degree program; and for the 2<sup>nd</sup> year after program approval if a graduate or undergraduate certificate. If information is provided for another year, specify (1st) and explain in the program summary attached). Note that Revenues and Expenditures are not always entirely new; some may be current (see 7d.)

Projected Annual Revenues in FY 12		Projected Annual Expenditures in FY 12	
Unrestricted		Salaries & benefits (faculty and staff)	\$265,700
General Fund	\$217,900	Other (commodities, services, etc.)	\$106,320
Student Tuition & Fees	\$160,725	<b>TOTAL EXPENDITURES</b>	<b>\$372,000</b>
Indirect Cost Recovery	\$0	One-time Expenditures to Initiate Program (if >\$250,000)	
TVEP or Other (specify):	\$0	(These are costs in addition to the annual costs, above.)	
Restricted		Year 1	\$0
Federal Receipts	\$0	Year 2	\$0
TVEP or Other (specify):	\$0	Year 3	\$0
<b>TOTAL REVENUES</b>	<b>\$378,625</b>	Year 4	\$0

Page # of attached summary where the budget is discussed, including initial phase-in:

7. Budget Status. Items a., b., and c. indicate the source(s) of the General Fund revenue specified in item 6. If any grants or contracts will supply revenue needed by the program, indicate amount anticipated and expiration date, if applicable.

Revenue source	Continuing	One-time
a. In current legislative budget request	\$0	\$0
b. Additional appropriation required	\$0	\$0
c. Funded through new internal MAU redistribution	\$0	\$0
d. Funds already committed to the program by the MAU <sup>1</sup>	\$372,000	\$0
e. Funded all or in part by external funds, expiration date	\$0	\$0
f. Other funding source Specify Type:	\$0	\$0

8. Facilities: New or substantially (>\$25,000 cost) renovated facilities will be required.     Yes     No

If yes, discuss the extent, probable cost, and anticipated funding source(s), in addition to those listed in sections 6 and 7 above.

9. Projected enrollments (headcount of majors). If this is a program deletion request, project the teach out enrollments.

Year 1: 25	Year 2: 25	Year 3: 25	Year 4: 25
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Page number of attached summary where demand for this program is discussed: Page 2

<sup>1</sup>Sometimes the courses required by a new degree or certificate program are already being taught by an MAU, e.g., as a minor requirement. Similarly, other program needs like equipment may already be owned. 100% of the value is indicated even though the course or other resource may be shared.

10. Number\* of new TA or faculty hires anticipated (or number of positions eliminated if a program deletion):

Graduate TA	0
Adjunct	0
Term	1.5 FTE (current)
Tenure track	0

11. Number\* of TAs or faculty to be reassigned:

Graduate TA	0
Adjunct	0
Term	0
Tenure track	0

Former assignment of any reassigned faculty:  
For more information see page \_\_\_\_\_ of the attached summary.

12. Other programs affected by the proposed action, including those at other MAUs (please list):

Program Affected	Anticipated Effect	Program Affected	Anticipated Effect
None			
None			

Page number of attached summary where effects on other programs are discussed: Not Applicable

13. Specialized accreditation or other external program certification needed or anticipated. List all that apply or 'none': The UAF Paramedic Program is nationally accredited through the Commission on Accreditation of Allied Health Education Programs (CAAHEP).

14. Aligns with University or campus mission, goals, core themes, and objectives (list):

- Responsiveness to State needs
- Increase the types of healthcare providers
- Educational Quality
- Workforce Training

Page in attached summary where alignment is discussed:

15. State needs met by this program (list): According to the Alaska Department of Labor and Workforce Development, a 26% increase is projected for Paramedic and Emergency Medical Technicians positions.

Page in the attached summary where the state needs to be met are discussed: page 1

16. Program is initially planned to be: (check all that apply)


- Available to students attending classes at UAF campus(es).  
 Available to students via e-learning.  
 Partially available students via e-learning.

Page # in attached summary where e-learning is discussed: N/A

Submitted by the University of Alaska Fairbanks with the concurrence of its Faculty Senate.

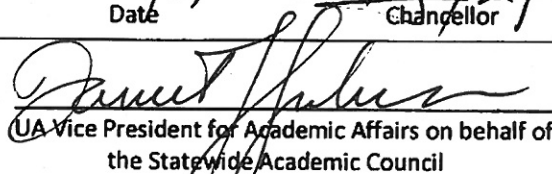
  
Provost

May 31, 2011  
Date

  
Chancellor

6/3/11  
Date

- Recommend Approval  
 Recommend Disapproval

  
UA Vice President for Academic Affairs on behalf of the Statewide Academic Council

9/7/11  
Date

- Recommend Approval  
 Recommend Disapproval

\_\_\_\_\_  
Chair, Academic and Student Affairs Committee

\_\_\_\_\_  
Date

- Recommend Approval  
 Recommend Disapproval

\_\_\_\_\_  
UA President

\_\_\_\_\_  
Date

- Approved  
 Disapproved

\_\_\_\_\_  
Chair, Board of Regents

\_\_\_\_\_  
Date

\*Net FTE (full-time equivalents). For example, if a faculty member will be reassigned from another program, but his/her original program will hire a replacement, there is one net new faculty member. Use fractions if appropriate. Graduate TAs are normally 0.5 FTE. The numbers should be consistent with the revenue/expenditure information provided.

Attachments:  Summary of Degree or Certificate Program Proposal

Other (optional)

## **BRIEF STATEMENT OF PROPOSED PROGRAM** **Paramedicine AAS**

### **Program Goals**

#### 1. Brief identification of objectives and subsequent means for their evaluation

This program is currently offered as a concentration (“Emergency Medical Services”) within the Emergency Services AAS degree program (which also encompasses fire science options). However, there is little overlap in the degree requirements for student firefighters and student paramedics, and the options already operate separately in terms of faculty, admissions process, student advising, and other matters. The main reason for the request to establish a separate degree program is that a significant number of students want to pursue *both* a fire science AAS and a paramedicine AAS. Normal academic rules do not permit the award of two options within one degree, so currently UAF must make special exceptions to allow these students to graduate.

The Mission Statement of the Paramedic Program is to educate paramedic students to be competent entry-level paramedics. The program strives to produce paramedics with outstanding clinical abilities who will be prepared to enter the health professions workforce and be eligible for National certification and an Alaska paramedic license.

To reach the goal of the mission statement the following objectives will be met by the paramedic students at the end of this educational program:

**Cognitive Domain:** Upon completion of the program students will demonstrate the ability to comprehend, apply and evaluate clinical information to their role as paramedics. (Assessments: exam, quiz and class assignment scores)

**Psychomotor Domain:** Upon completion of the program the student will demonstrate the technical proficiency in all skills necessary to fulfill their role as a paramedic. (Assessments: skill sheets, preceptor evaluations (including evaluation of run reports) review of clinical logs)

**Affective Domain:** Upon completion of the program the student will demonstrate personal behaviors consistent with professional and employer expectations for a paramedic. (Assessments: professional behavior assessment, preceptor evaluations)

#### 2. Relationship of program objectives to purposes of the University

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 objectives in UAF 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) and continues with the paramedic academy, the AAS in Paramedicine, and the Bachelor's of Emergency Management.

### 3. Occupational and 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. Demand for the program and its graduates

Under its current name (Emergency Medical Services option under the Emergency Services AAS degree) the program enrolls its maximum cohort of 12-13 new students each year, and has a total headcount of 25 students. Enrollment is limited by available facilities, equipment, and faculty. The EMS option has special admission requirements (see below) and only well-qualified students are admitted.

The program is currently nationally accredited through the Commission on Accreditation of Allied Health Education Programs. Following successful completion of the program's required course work, students are eligible to take the National Registry Examination for certification as a paramedic. Once nationally certified, the student is eligible to apply for licensure as a paramedic in the State of Alaska. Entry level positions for paramedics are in an ambulance within a 911 emergency response system or in a non-emergency transport service. Paramedics may also be found working in doctors' offices, urgent care clinics, hospital emergency rooms, intensive care units, laboratories, aero medical transport services, and safety departments in corporate or industrial settings. According to the Alaska Department of Labor and Workforce Development Occupational Table (September 2010), robust growth (more than 21% increase) is projected for Paramedic and Emergency Medical Technician positions over the next decade. The 2009 Alaska Health Workforce Vacancy Study indicated a 44% vacancy rate for paramedic occupations statewide.

## **Proposed Catalog Layout:**

Paramedicine

College of Rural and Community Development  
Community and Technical College

907-455-2853

[www.etc.uaf.edu/programs/emergency/](http://www.etc.uaf.edu/programs/emergency/)

A.A.S. Degree

Minimum Requirements for Degree: 69 - 73 credits

The UAF Paramedicine program offers students excellent didactic instruction, clinical experiences, state of the art simulation labs, and practical vocational experience for the student seeking to become a paramedic. Upon completion of the program, the paramedic graduate will demonstrate competency

in the following terminal objectives:

1. Be able to safely manage the scene of an emergency.
2. Apply the basic concepts of development, pathophysiology and pharmacology to assessment and management of emergency patients.
3. Establish and/or maintain a patent airway, oxygenate and ventilate a patient.
4. Integrate pathophysiological principles and assessment findings to formulate a field impression and implement a treat plan for:
  - the trauma patient
  - the medical patient
  - neonatal, pediatric, and geriatric patients, diverse patients, and chronically ill patients
  - patients with common complaints
5. Take a proper history and perform a comprehensive physical exam on any patient, and communicate the findings to others.
6. Be able to properly administer medications.
7. Be able to communicate effectively with patients.
8. Complete a comprehensive paramedic examination with a minimum score of 80%.

At the completion of the paramedic course, students are able to participate in the national paramedic exam. After receiving their national certification, students can apply for their paramedic license through the Alaska State Medical Board.

Special admission requirements include:

The applicant completes an application prior to being admitted into the paramedic course. The applications are reviewed by the program's medical director and advisory board. This application process ensures the applicants selected do not have a background of criminal activity which would inhibit them from being licensed in the state.

Other special requirements are:

- Current EMT-basic certification: EMS 170, "Emergency Medical Technician 1."
- Complete HLTH 114, "Fundamentals of Anatomy and Physiology."

Major-- A.A.S. Degree  
Paramedicine

1. Complete the general university requirements.
2. Complete the A.A.S. degree requirements.
3. Complete the following program (major) requirements: \*
  - EMS F170--EMT: Emergency Medical Technician 1--6 credits
  - EMS F181--Clinical Rotation 1--4 credits
  - EMS F183--Clinical Rotation 11--4 credits
  - EMS F280--Paramedicine 1--12 credits
  - EMS F282--Paramedicine 11--12 credits
  - EMS F283--Paramedic Internship--12 credits
  - HLTH F114--Fundamentals of Anatomy and Physiology (4)
  - or BIOL F111X and F112X--8 credits
4. Minimum credits required: 69 -73 credits

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

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 FTE \$53,286	0		1.82 FTE \$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 (in dollars)	\$39,942	0		\$39,942
Supplies (in dollars)	\$38,435	0		\$38,435
Travel (in dollars)	\$6,565	0		\$6,565

The UAF Faculty Senate passed the following at Meeting #174 on April 4, 2011:

MOTION: The UAF Faculty Senate moves to approve the A.A.S. in Paramedicine.

EFFECTIVE: Fall 2012  
Upon Board of Regents approval.

RATIONALE: See the full program proposal, #38-UNP from the Fall 2010 review cycle, on file in the Governance Office, 312B Signers' Hall.

Requires 69-73 credits comprised of A.A.S. degree requirements, and 6 credits for Emergency Medical Technician, 8 credits in Clinical Rotation, 24 credits in Paramedicine, 12 credits in Paramedic Internship, and 8 credits in Anatomy and Physiology and/or Biology core courses.

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\_\_\_\_\_  
President, UAF Faculty Senate      4 Apr 2011  
Date

APPROVAL:   
\_\_\_\_\_  
Chancellor's Office

DATE: April 4, 2011

DISAPPROVED: \_\_\_\_\_  
Chancellor's Office

DATE: \_\_\_\_\_