

BACHELOR OF EMERGENCY MANAGEMENT (BEM) DEGREE

I. Cover Memorandum

DATE: January 10, 2006

TO: Brian D. Rogers, Chair, University of Alaska Board of Regents
Mark R. Hamilton, President, University of Alaska
Steve Jones, Chancellor, University of Alaska Fairbanks
Paul Layer, President, UAF Faculty Senate
Wayne Marr, Dean, UAF School of Management
Doug Reynolds, Chair, UAF SOM Curriculum Council
Faith Henry, UAF School of Management Advisor

FROM: Michael G. McGowan, Associate Professor of Fire Science, UAF-
College of Community and Rural Development, TVC
Jacob Joseph, UAF SOM Undergraduate Director
Greg Goering, Associate Dean, UAF School of Management

SUBJECT: Proposal for Bachelor of Emergency Management (BEM) Degree

Bachelor of Emergency Management (BEM) Degree

The UAF-TVC Emergency Services Program (ESP) is seeking approval for the UAF School of Management (SOM) to initiate a new Baccalaureate Degree in Emergency Management. This will enable students to combine the technical expertise derived from the Associate of Applied Science (AAS) degree in Emergency Services with a curriculum in Business Administration to become the future fire chiefs and equivalent emergency services administrators within fire departments and other related providers of emergency services throughout Alaska, Canada and the Lower 48. There is an ever increasing demand for fire department and emergency services administrators that are educated in fire science, emergency medical services (EMS) and business management practices. The National Fire Academy Executive Fire Officer (EFO) Program will soon be establishing a minimum of a bachelor's degree as an enrollment qualification. Many fire departments throughout Alaska have searched for fire chiefs and found few Alaskan candidates with adequate administration education and experience except those who have gone to school and worked in the Lower 48. The intent of this proposed BEM degree is to retain our AAS degree graduates at UAF by offering them an opportunity to complete a baccalaureate degree while obtaining additional vocational experience through numerous local fire departments. The UAF Emergency Services Program averages 24 graduates per year or 11% of the associate degrees from the College of Rural and Community Development (CRCDD). An ESP outcome assessment goal is to encourage our UAF graduates to become the best candidates for chief officer or equivalent fire administrator positions by utilizing their AAS degree as a building block to pursue the proposed BEM degree.

The UAF-TVC Emergency Services Program has become nationally recognized as one of the best in the U.S. with students coming from all over Alaska, Canada and the Lower 48. This program offers a unique combination of education, training, certification and vocational experience that is available at very few fire science programs throughout the U.S. UAF currently offers AAS degree concentrations in Municipal Fire, Wildland Fire, Hazardous Materials, Public Safety and Emergency Medical Services. Our arctic environment, boreal forests and the oil industry offers our students challenges and opportunities second to none.

The UAF School of Management offers a wide variety of business administration courses nationally accredited by the Association to Advance Collegiate Schools of Business. The proposed BEM degree offers a business administration curriculum tailored to meet the needs of a fire department business manager with a minor in Leadership and Civic Engagement.

Objective and Rationale

The objective of this proposed BEM degree is to provide students with the knowledge, skills and experience to become highly competitive candidates for job openings and promotion to chief officer or equivalent emergency services administrator positions within fire departments and other related fields of emergency services. Our goal for outcome assessment will be a minimum of 80% of the BEM degree graduates will become chief officers or equivalent emergency services administrators within ten years after being hired by a fire department or a related field of emergency services.

The business component of the proposed BEM degree will offer students the ability to combine advanced managerial skills with their technical knowledge of fire science and EMS acquired from the AAS degree. With few such programs in the U.S., UAF will provide a unique four year emergency management degree that will encourage ESP graduates to remain at UAF and will attract potential recruits from the Lower 48 and Canada. The business administration classes combined with the minor in Leadership and Civic Engagement will make our BEM degree graduates excellent candidates for fire chief and emergency services administrator positions.

The proposed BEM degree will strengthen our goal to make UAF graduates the most attractive candidates for job openings and promotions within the fire service and other related fields of emergency services. This proposed degree will increase enrollment and student retention both at UAF and the University of Alaska Fire Department.

Date Coordinator, Emergency Services Program, UAF-CRCD-TVC

Date Undergraduate Director, UAF School of Management

Date Associate Dean, UAF School of Management

Date Advisor, UAF School of Management

Date Chair, Curriculum Council, UAF School of Management

Date Dean, UAF School of Management

Date President, UAF Faculty Senate

Date Chancellor, University of Alaska Fairbanks

Date President, University of Alaska

Date Chair, University of Alaska Board of Regents

II. Identification of the Program

A. Description of Program

1. Program Title: Emergency Management
2. Credential Level of Program: Bachelor Degree
3. Admissions Requirements and Prerequisites:
 - A. Complete 33 credits of major requirements from the UAF Emergency Services A.A.S. degree or any regionally accredited institution AAS Fire Science degree with a cumulative GPA of 2.25 or higher
4. Course Descriptions of Required and Recommended Elective Courses:

MAJOR COMPLEX:

PS 101 3 Credits

Introduction to American Government and Politics (s)

Principles, institutions and practices of American national government; the Constitution, federalism, interest groups, parties, public opinion and elections. (3+0) Offered Fall, Spring

ACCT 261 3 Credits

Accounting Concepts and Uses I (s)

An understanding of basic financial statements from a user (investors, managers and creditors) perspective is strongly emphasized. Topical coverage of financial and managerial issues is integrated throughout the semester length courses. Material is presented in a fashion that promotes communications skills development. The conceptual approach used in teaching this course will sensitize the student to the implications of accounting decisions related to business transactions, while avoiding the detailed procedures that only accountants need to know. (Prerequisites: Sophomore standing or higher, placement, concurrent enrollment, or completion of MATH at the 100-level or above) (3+0) Offered Fall, Spring

ECON 200 4 Credits

Principles of Economics (s)

Goals, incentives and outcomes of economic behavior with applications and illustrations from current issues: operations of markets for goods, services and factors of production; the behavior of firms and industries in different types of competition; and income distribution. The functioning and current problems of the aggregate economy, determination and analysis of aspects of international exchange. (Prerequisite: Sophomore standing or permission of instructor.) (4+0+1) Offered Fall, Spring

BA 151 3 credits

Introduction to Business (s)

Business organization, nature of business functions such as management, finance, accounting, marketing, personnel administration. Opportunities and requirements for professional business careers. (3+0) Offered Fall, Spring

BA 307 3 credits

Personnel Management

Introduction to management principles and personnel practice in industry, analysis of labor-management problems, methods and administration of recruiting, selecting, training and compensating employees, and labor laws and their applications. (Prerequisite: Upper division standing.) (3+0) Offered Fall, Spring

BA 317W 3 credits

Employment Law

Basic personnel and human resource management law, including labor law and current management practices in administering collective bargaining agreements. Emphasis on the major federal and Alaska state laws affecting personnel management. (Prerequisites: BA 307 or concurrent enrollment in BA 307; ENGL

111X; ENGL 211X or ENGL 213X or permission of instructor; upper division standing.)
(3+0) Offered Fall, Spring

BA 390 3 credits

Organizational Theory and Behavior

Understanding how and why organizations behave as they do, assessing whether the behavior is functional or dysfunctional, and learning to understand and change motivation, leadership, communications, group dynamics, conflict management, layout, technology, structure and policies to create high-functioning organizations. (Prerequisite: Upper division standing.)

(3+0) Offered Fall, Spring

BA 452W 3 credits

Internship in Emergency Management

A supervised practical work experience to enable students to apply their course work in a fire department or closely related field of emergency services.

Admission dependent upon approved sponsorship arrangements. (Prerequisites: BEM degree major, Upper division standing and permission of instructor.)

(0+ 6) Offered As Demand Warrants

BA 457 3 credits

Training and Management Development

Theory and practice of employee training programs, needs assessments, learning theories, instructional design, training techniques and evaluation, management development and career development techniques and practices.

(Prerequisites: BA 307, upper division standing.)

(3+0) Offered Fall or Spring

COMM 335O 3 credits

Organizational Communication (s)

Examines current theoretical and methodological approaches undergirding the construction of organizations via the communication process. Includes functional (message flow, load and network analysis) as well as interpretive (metaphors, narratives and organizational culture) approaches to the study of organizational communication. (Prerequisites: COMM 131X or 141 X: and one lower division communication course; or permission of instructor. Next offered 2006-07)

(3+0) Offered Alternate Years

ENGL 314W,O/2 3 credits

Technical Writing (h)

Writing business letters (letters of inquiry, complaint, evaluation and job application with resume), preparing tables, graphs, process descriptions, technical instructions, abstracts, grant proposals and technical reports (progress, laboratory, survey, incident, inspection, feasibility and research). Course does not fulfill the second half of the requirement in written communication. Also available via Independent learning. (Prerequisites: COMM131X or 141X; ENGL 111X; ENGL 211X OR 213X; junior standing; or permission of instructor).

(3+0) Offered Fall, Spring

PS 321 3 credits

International Politics (s)

Introduction to the problems, literature and terminology of international relations. Provides a basis for understanding current international affairs. Examines relations between nations, regions and groups, as well as ideas of conflict, security, trade, technology, negotiation, cooperation, revolution, modernization and community.

(3+0) Offered Fall

PS 403W 3 credits

Public Policy (s)

Discussion of how policy process works and how policy analysis is conducted. Examples of policy issues from recent cases, especially in Alaska.

(Prerequisites: ENGL 111X, ENGL 211X or ENGL 213X, PS 101, or permission of instructor. Next offered 2007-08)

(3+0) Offered Alternate Spring

MINOR COMPLEX Leadership and Civic Engagement

Complete the following (6 credits):

NORS 205 3 credits

(Cross-listed with PS 205)

Leadership, Citizenship and Choice

History of democratic principles in America and how people can contribute to political and community life in the local, state and national arenas, as leaders and citizens. Examines ethical dilemmas of leadership and politics and social issues facing Alaskan and American societies. Course includes an experiential learning component.

(3+0) Offered Spring

NORS 486 3 credits

Senior Seminar in Leadership and Civic Engagement (s)

Students are placed in contact with government and other agencies where they will gain practical experience applying principles of leadership and civic engagement. This is the capstone course for the minor in Leadership and Civic Engagement. (Prerequisite: NORS/PS 205. Recommended: The student's elective choices in the minor. Next offered 2006-07.)

(3+0) Offered Alternate Spring

Complete **three courses** from the following. At least one course must be a PS elective and one course must be a HIST elective:

PS 202 3 credits

Democracy and Global Society (s)

Examination of the various definitions and types of democracy and the global contexts within which they develop. Cases used draw from a wide range of states, societies and world-historical contexts, and allow comparison among developed and developing countries.

(3+0) Offered Alternate Spring

PS 263 3 credits

Alaska Native Politics (s)

Political development, organization, interests and activities in Alaska Natives; treatment of ethnic leadership issues, history of federal Indian policy, evolution of Native leadership, village and regional government, land claims, and community politics from the Alaska Native brotherhood to ANCSA to the Alaska Native Coalition. Compares Alaska Native political developments to those of other circumpolar Northern Native communities. (Next offered 2006-07)

(3+0) Offered Alternate Spring

PS 301 3 credits

American Presidency (s)

The institution of the presidency in the American political system. (Prerequisite: PS 101 or permission of instructor. Next offered 2006-07.)

(3+0) Offered Alternate Fall

PS 315 3 credits

American Political Thought (s)

Political ideas in the United States from colonial times to present: Puritanism, revolutionary ideas, Constitutionalism, nature of the Union, Progressive movement, pragmatism. (Prerequisite: PS 101 or permission of instructor. HIST 131 and 132 strongly recommended. Next offered 2006-07.)

(3+0) Offered Alternate Spring

PS 462 3 credits

Alaska Government and Politics (s)

(stacked with NORS 662)

A comprehensive introduction to Alaska's government and politics, in the context of American state and local government and politics and governments of circumpolar northern nations. Topics include political history, constitution, political parties, interest groups, elections, public opinion, governor, legislature, judiciary, administration and subnational governments of the circumpolar North; examines how government institutions and processes respond to social, environmental, and political changes in Northern communities. (Prerequisite: junior standing. Next offered 2006-07.)

(3+0) Offered Alternate Spring

HIST 131 3 credits

HIST 132 3 credits

History of the U.S. (s)

Fall semester: The discovery of America to 1865. Colonial period, revolution, formation of the constitution, western expansion, Civil War. Spring semester:

From reconstruction to the present. Both courses also available via Independent learning.

(3+0) 131 Offered Fall, 132 Offered Spring

HIST 361 3 credits

Early American History (s)

Advanced survey examines economic, political and social developments related to Jacksonian America, western expansion, slavery and sectionalism, the Civil War and reconstruction to 1877. (Recommended: HIST 131 and sophomore standing. Next offered: 2007-08)

(3+0) Offered Alternate Spring

HIST 364 3 credits

History of the United States 1945 to Present (s)

Advanced survey examines economic, political and social developments related to gilded age America, progressive reform efforts, colonialism and the U.S. during two world wars. (Recommended: HIST 132 and sophomore standing. Next offered: 2006-07.)

(3+0) Offered Alternate Fall

RD 300W 3 credits

Rural Development in a Global Perspective (s)

Explores the relationship between rural communities and the global economy, with emphasis on sustainable development. Highlights the multiple meanings of "development" and issues of population growth, environmental change, gender, and indigenous peoples as they relate to rural development. Includes an introduction to the basic concepts and theories of development. (Prerequisite: ENGL 111X; ENGLE 211X OR ENGL 213X; junior standing or permission of instructor.)

(3+0) Offered Fall

RD 325 3 credits

Community Development Strategies (s)

Examines principles and strategies of asset-based development in rural communities throughout the world. Explores the history of community development ideas and case studies of specific strategies in Alaska and beyond. Topics include community healing, economic renewal and collaborative decision-making approaches.

(3+0) Offered Spring

Of the above, at least **39 credits must be taken in upper division** (300-level or higher) courses.

Must take two UD writing intensive and one UD oral intensive

course(s): _____ W _____ W AND _____ O OR _____ O/2 AND _____ O/2

5. Requirements for the degree. (Include a sample course of study and a three year cycle of course offerings. Also include a proposed general catalog layout copy of the program.)

SAMPLE COURSE OF STUDY AND THREE YEAR CYCLE OF COURSE OFFERINGS:

FALL 2006

LS 101X	(1)	Library Information and Research
PS 101	(3)	Introduction to American Government and Politics
ACCT 261	(3)	Accounting Concepts and Uses
ECON 200	(4)	Principles of Economics
BA 151	(3)	Introduction to Business
ENGL 314W, O/2	(3)	Technical Writing

Spring 2007

BA 307	(3)	Personnel Management
BA 323X	(3)	Business Ethics
BA 390	(3)	Organizational Theory and Behavior
MATH 161X	(3)	Algebra for Business and Economics
ECON 100X	(3)	Political Economy
STAT 200	(3)	Elementary Probability and Statistics

Fall 2007

BA 317W	(3)	Employment Law
PS 321	(3)	International Politics
BIOL 111X	(4)	Human Anatomy and Physiology I
ANS 202X	(3)	Aesthetic Appreciation of Alaska Native Performance

Spring 2008

PS 403W	(3)	Public Policy
NORS 205	(3)	Leadership, Citizenship and Choice
BIOL 112X	(4)	Human Anatomy and Physiology II
RD 325	(3)	Community Development Strategies

Fall 2008

BA 452W	(3)	Internship in Emergency Management
COMM 335O	(3)	Organizational Communications
ENGL 200X	(3)	World Literature
HIST 100X	(3)	Modern World History
ART 200X	(3)	Aesthetic Appreciation: Interrelation of Art, Drama and Music

Spring 2009

BA 457	(3)	Training and Management Development
NORS 486	(3)	Senior Seminar in leadership and Civic Engagement
HIST 364	(3)	History of the U.S. 1945 to Present
PS 403W	(3)	Public Policy
PS 462	(3)	Alaska Government and Politics

PROPOSED GENERAL CATALOG LAYOUT:

BUSINESS ADMINISTRATION

School of Management
Department of Business Administration
(907) 474-7253
www.uafsom.com

B.E.M. Degree

Minimum Requirements for Degree: 126-128 credits

1. Complete 33 credits of major requirements from the UAF Emergency Services A.A.S. degree or any regionally accredited institution AAS Fire Science degree with a cumulative GPA of 2.25 or higher.
2. Complete the general university baccalaureate core requirements. (See page 107. As part of the core curriculum requirements complete MATH 161X* **OR** MATH 107X* AND STAT 200*)
3. Complete beyond the associate degree the following 40 credits of major complex courses with grades of "C" or better:

PS 101	Introduction to American Government/ Politics	3
ACCT 261	Accounting Concepts/ Uses	3
ECON 200	Principles of Economics	4
BA 151	Introduction to Business	3
BA 307	Personnel Management	3
BA 317W	Employment Law	3
BA 390	Organizational Theory and Behavior	3
BA 452W	Internship in Emergency Management	3
BA 457	Training and Management Development	3
COMM 335O	Organizational Communications	3
ENGL 314 W, O/2	Technical Writing	3
PS 321	International Politics	3
PS 403W	Public Policy	3

4. Complete 15 credits in the minor complex of Leadership and Civic Engagement as follows:

Complete the following (6 credits):

NORS 205	Leadership, Citizenship and Choice	3
NORS 486	Senior Seminar/ Leadership and Civic Engagement	3

Complete **three courses** (9 credits) from the following. At least one course must be a PS elective and one course must be a HIST elective:

PS 202	Democracy and Global Society	3
PS 263	Alaska Native Politics	3
PS 301	American Presidency	3
PS 315	American Political Thought	3
PS 462	Alaska Government and Politics	3
HIST 131	History of the U.S	3
HIST 132	History of the U.S	3
HIST 361	Early American History	3
HIST 364	History of the U.S. 1945- Present	3
RD 300W	Rural Development in a Global Perspective	3
RD 325	Community Development Strategies	3

Of the above, at least **39 credits must be taken in upper division** (300-level or higher) courses.

Must take two upper division writing intensive and one upper division oral intensive course(s).

B. Program Goals

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

The objective of this proposed BEM degree is to provide students with the knowledge, skills and experience to become highly competitive candidates for job openings and promotion to chief officers or equivalent administrators within fire departments and other providers of emergency services. Our goal for outcome assessment will be a minimum of 80% of the BEM degree graduates will become chief officers or equivalent administrators within ten years after being hired by a fire department or other providers of emergency services.

2. Relationship of program objectives to "Purposes of the University":

The relationship of the BEM degree program objectives to the academic mission of the University of Alaska is one that provides high quality

undergraduate education for students seeking to become fire chiefs and other emergency services administrators.

The business administration component of the BEM degree will offer students the unique ability to combine advanced managerial skills with their technical knowledge of fire science acquired from the AAS degree. Active collaborations will be formed through internships with local fire departments and affiliations with the Interior Fire Chiefs Association and the Alaska Fire Chiefs Association. UAF will become an academic gateway for students seeking to become future fire chiefs and other emergency services administrators throughout Alaska, Canada and the Lower 48.

3. Occupational/ other competencies to be achieved

The proposed BEM degree will offer students the ability to combine advanced managerial skills with their technical knowledge of fire science and EMS to qualify for positions as fire department and other emergency services administrators.

4. Relationship of courses to the program objectives

Fire Chiefs and other emergency services administrators of the future will need a combination of knowledge and experience covering fire science, EMS, government and politics, accounting, business practices, personnel management, employment law, organizational theory and behavior, training and management development, organizational communications, technical writing, public policy, leadership and civic engagement offered in the proposed BEM degree curriculum.

III. Personnel Directly Involved with the Program

A. List of faculty involved in the program including brief statement of duties and qualifications

BA 151: Joe Hines, Instructor; Jim Collins, Ph.D., Associate Professor
BA 307: Jacob Joseph, Ph.D., Professor
BA 317: Cory Borgeson, J.D., Term Instructor
BA 390: Susan Herman, Ph.D., Term Professor; David Porter, Ph.D., Professor
BA 457: Melissa Hill, Exempt staff
ACCT 261: Ami Oppe, Adjunct faculty; Yijiang Zhao, Ph.D., Assistant Professor; Ken Abramowicz, Ph.D., Associate Professor; Mike Davis, Ph.D., Associate Professor
ECON 200: Doug Reynolds, Ph.D., Associate Professor

B. Administrative and coordinating personnel

Greg Goering, Ph.D., Associate Dean
Jacob Joseph, Ph.D., Undergraduate Director

C. Classified personnel

Faith Henry, SOM Undergraduate Advisor

IV. Enrollment Information

A. Projected enrollment/ present enrollment

Based on enrollments statistics from students majoring in the former Bachelor of Technology (BT) degree in Emergency Services from 1999 through 2005, bachelor degree students have numbered approximately 58 primary and secondary majors. In that same time period there were 15 bachelor degree graduates averaging over two per year. Students who declared the BT degree as a major prior to its elimination in 2004 continue to graduate at a similar rate. Most of the BT degree majors are accepting fire department employment offers prior to completion of their bachelor degree.

Projected enrollments of students seeking the proposed BEM degree are expected to be slightly higher than those seeking the BT degree because of the new curriculum being tailored to better meet the needs of those seeking positions as fire department and other emergency services administrators. It is anticipated that an increased number of AAS degree graduates will remain at UAF each year to pursue this new bachelor degree in order to obtain additional vocational experience only available through local fire departments in the Fairbanks area. If this occurs, the number of BEM majors at UAF will likely increase to a range of 75 to 100. These numbers may increase further with the addition of transfer students from other AAS degree institutions seeking the BEM degree at UAF as the only campus within Alaska that offers both business administration education and fire department vocational experience opportunities within the same community. The demand for a bachelor degree will become even greater in 2009 when the National Fire Academy establishes this as a minimum enrollment qualification for their Executive Fire Officer (EFO) Program.

B. How determined/ who surveyed/ how surveyed

The above enrollment statistics were obtained the UAF Academic Advising Center and the UA Office of Institutional Research.

Projected enrollments are based on current enrollment in the BT degree, increased inquiries from UAF AAS degree students, the Interior Fire Chiefs Association and the Alaska Fire Chiefs Association.

- C. Minimum enrollments to maintain program for years 1,2,3,4 and 5

No minimum enrollments are necessary as the SOM courses are being offered on an ongoing basis.

- D. Maximum enrollment which program can accommodate

25 students per year

- E. Special restrictions on enrollments

BEM majors will be permitted to enroll in upper division Business Administration (BA) courses upon completion of a UAF Emergency Services AAS degree or any regionally accredited institution AAS Fire Science degree with a cumulative GPA of 2.25 or higher with approval from the SOM Advisor.

V. Need for Program

- A. Required for other programs

In 2009, the National Fire Academy will require a bachelor degree as a minimum enrollment qualification for their Executive Fire Officer (EFO) Program.

- B. Employment market needs

1. Who surveyed? How?

Members of the Interior Fire Chiefs Association and Alaska Fire Chiefs Association. Personal interviews with Fire Chiefs throughout Alaska.

2. Job opportunities now, two, five and ten years from now. How were these predictions determined?

Fire Chief and other emergency services administrator position announcements in fire and emergency services trade journals show an increasing demand for emergency services administrators with bachelor degrees in fire business management as a minimum requirement that previously only called for an AAS degree in Fire Science. Larger fire departments throughout the U.S. often seek candidates with a master's degree in fire administration. The

National Fire Academy has recognized this trend by increasing the minimum enrollment requirement for the Executive Fire Officer (EFO) Program from an AAS degree to a bachelor degree.

3. How have positions been filled to date?

An AAS degree, fire administrative experience and time in service have been sufficient to fill fire chief position openings in the past.

VI. Other Justifying Information

No additional impact on the SOM is anticipated.

VII. Resource Impact

A. Budget

No additional impact on the SOM is anticipated.

B. Facilities/ space needs

No additional impact on the SOM is anticipated.

C. Credit hour production

Approximately 250 credit hours of SOM courses per year

D. Faculty

No additional impact on the SOM is anticipated.

E. Library/ Media materials, equipment and services. Have you reviewed needs by this proposed action with Library Collection Development Officer?

Yes. No additional impact from the SOM is anticipated.

VIII. Relation to Program to other Programs within the System

A. Effects on enrollments elsewhere in the system

There will be a slight increase in credit hour production of required bachelor general education and Northern Studies courses.

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

None

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

1. Contribution to research or service

Internships and service to local fire departments

2. Benefits from research and service activities

Improved operational efficiency and cost effectiveness of fire departments and other providers of emergency services throughout Alaska, the Lower 48 and Canada

IX. Implementation/ Termination

A. Date of Implementation

Fall 2006

B. Plans for recruiting students

UAF and UAA Fire and Emergency Services AAS graduates. Some current BT degree majors may change to the BEM degree due to improvements in curriculum. It is likely that Fire Science AAS degree graduates from the Lower 48 will be attracted to the proposed BEM degree due to local opportunities to obtain vocational experience unavailable at other universities.

C. Termination date (if any)

None

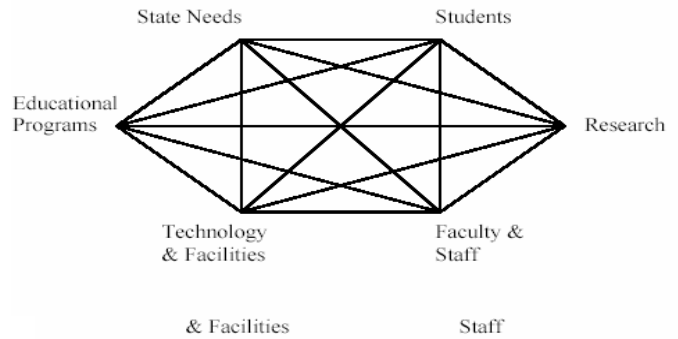
D. Plans for phasing out program if it proves unsuccessful

Phase out and removal from the UAF catalog of BA 452 Internship in Emergency Management course.

E. Assessment of program (Include a Student Outcomes Assessment Plan)

A minimum of 80% of the BEM degree graduates will become chief officers or equivalent emergency services administrators within ten years after being hired by a fire department or other provider of emergency services.

University of Alaska Board of Regents
Program Approval Summary Form



MAU: UAF

Title and brief description:

Bachelor Degree in Emergency Management: (BEM) degree.

The UAF-TVC Emergency Services Program (ESP) is seeking approval for the UAF School of Management (SOM) to initiate a new Baccalaureate Degree in Emergency Management. This will enable students to combine the technical expertise derived from the Associate of Applied Science (AAS) degree in Emergency Services with a curriculum in Business Administration to become the future fire chiefs or equivalent emergency services administrators within fire departments and other related fields of emergency services throughout Alaska, Canada and the Lower 48. There is an ever increasing demand for fire department and emergency services administrators that are educated in fire science, emergency medical services (EMS) and business management practices.

Target Admission Date: Fall 2006

How does the program relate to the **Education Mission** of the University of Alaska?

The proposed BEM degree is aligned with the University of Alaska mission to meet state and local needs for fire department and emergency services administrators and to provide opportunities to those who can benefit from educational programs of high quality.

Describe the **State Needs** being met by this program.

There is an ever increasing demand for fire department and emergency services administrators that are educated in fire science, EMS and business management practices. Many fire departments throughout Alaska have searched for fire chiefs and found few Alaskan candidates with adequate business administration education and experience except those who have gone to school and worked in the Lower 48. The intent of this proposed BEM degree is to retain our AAS degree graduates at UAF by offering them an opportunity to complete a baccalaureate degree while obtaining additional vocational experience through numerous local fire departments.

What are the **Student** opportunities and outcomes? The enrollment projections?

The proposed BEM degree will enable students to obtain higher education and vocational experience to meet the demands of future fire chiefs and other emergency services administrators throughout Alaska, the Lower 48 and Canada.

Describe the **Research** opportunities, if applicable.

Internships and service to local fire departments will provide research opportunities that will contribute to the enhancement of operational efficiency and cost effectiveness of fire departments and other emergency services throughout Alaska, the Lower 48 and Canada.

Identify any additional **Faculty and Staff** requirements as well as any existing expertise and resources that will be applied.

Business Administration Faculty:

Joe Hines, Instructor
Jim Collins, Ph.D., Associate Professor
Jacob Joseph, Ph.D., Professor
Cory Borgeson, J.D., Term Instructor
Susan Herman, Ph.D., Term Professor
David Porter, Ph.D., Professor
Melissa Hill, Exempt staff

Accounting Faculty:

Ami Oppe, Adjunct faculty
Yijiang Zhao, Ph.D., Assistant Professor
Ken Abramowicz, Ph.D., Associate Professor
Mike Davis, Ph.D., Associate Professor

Economics Faculty:

Doug Reynolds, Ph.D., Associate Professor

Staff:

Faith Henry, SOM Undergraduate Advisor

Executive Staff:

Greg Goering, Ph.D., Associate Dean

No additional faculty or staff will be required for the implementation of the BEM degree.

Identify the impacts on existing **Technology & Facilities** as well as projected needs.

No additional impacts on UAF technology or facilities at the UAF School of Management are anticipated.

**RESOURCE COMMITMENT TO THE
PROPOSED DEGREE PROGRAM**

Resources	Existing	New		Total
	College/School	College/School	Others (Specify)	
Regular Faculty (FTE's & dollars)	24.75 FTE	0		24.75
Adjunct Faculty (FTE's & dollars)	1.4 FTE	0		1.4 FTE
Teaching Assistants (Headcount)	5	0		5
Instructional Facilities (in dollars and/or sq. footage)	309 sq ft	0		309 sq ft
Office Space (Sq. footage)	6,785 sq ft	0		6,785 sq ft
Lab Space (Sq. Footage)	1,031 sq ft	0		1,031 sq ft
Computer & Networking (in dollars)	\$30,260	0		\$30,260
Research/ Instructional/ office Equipment (in dollars)	\$11,376	0		\$11,376
Support Staff (FTE's & dollars)	4.5 FTE	0		4.5 FTE
Supplies (in dollars)	\$44,158	\$2,000		\$46,158
Travel (in dollars)	\$47,696	0		\$47,696

Signature _____ Date _____
Dean of College/School Proposing New Degree Program