

FORMAT 1

Submit original with signatures + 1 copy + electronic copy to UAF Governance.
 See <http://www.uaf.edu/uafgov/faculty/cd> for a complete description of the rules governing curriculum & course changes.

TRIAL COURSE OR NEW COURSE PROPOSAL

SUBMITTED BY:

Department	Emergency Services	College/School	UAF-Community & Technical College
Prepared by	Alicia Alexander	Phone	907-388-0962
Email Contact	jgeorge@alaska.edu	Faculty Contact	John George

1. ACTION DESIRED
 (CHECK ONE): Trial Course New Course

2. COURSE IDENTIFICATION: Dept Course # No. of Credits

Justify upper/lower division status & number of credits:

3. PROPOSED COURSE TITLE:

4. To be CROSS LISTED? If yes, Dept: Course #
 YES/NO
 (Requires approval of both departments and deans involved. Add lines at end of form for such signatures.)

5. To be STACKED? If yes, Dept. Course #
 YES/NO

6. FREQUENCY OF OFFERING:
 Fall, Spring, Summer (Every, or Even-numbered Years, or Odd-numbered Years) – or As Demand Warrants

7. SEMESTER & YEAR OF FIRST OFFERING (if approved)

8. COURSE FORMAT:

NOTE: Course hours may not be compressed into fewer than three days per credit. Any course compressed into fewer than six weeks must be approved by the college or school's curriculum council. Furthermore, any core course compressed to less than six weeks must be approved by the core review committee.

COURSE FORMAT: (check all that apply)	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input checked="" type="checkbox"/> 6 weeks to full semester
OTHER FORMAT (specify)	<input style="width: 500px;" type="text"/>					
Mode of delivery (specify lecture, field trips, labs, etc)	<input style="width: 500px;" type="text" value="Lecture"/>					

9. CONTACT HOURS PER WEEK: LECTURE hours/weeks LAB hours /week PRACTICUM hours /week

Note: # of credits are based on contact hours. 800 minutes of lecture=1 credit. 2400 minutes of lab in a science course=1 credit. 1600 minutes in non-science lab=1 credit. 2400-4800 minutes of practicum=1 credit. 2400-8000 minutes of internship=1 credit. This must match with the syllabus. See <http://www.uaf.edu/uafgov/faculty/cd/credits.html> for more information on number of credits.

OTHER HOURS (specify type)

10. COMPLETE CATALOG DESCRIPTION including dept., number, title and credits (50 words or less, if possible):

FIRE F220 Emergency Services Safety, Health and Survival (3)

This course introduces the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior changes throughout the emergency services. This interactive course will examine current and future issues in emergency services including close calls, near misses, line of duty deaths, risk management, mitigation and personal and organizational accountability. Prerequisites FIRE 101, FIRE 131, FIRE 133, FIRE 135, and FIRE 137. (3+0)

11. COURSE CLASSIFICATIONS: (undergraduate courses only. Use approved criteria found on Page 10 & 17 of the manual. If justification is needed, attach on separate sheet.)

H = Humanities	S = Social Sciences				
Will this course be used to fulfill a requirement for the baccalaureate core?	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 50px; text-align: center;">YES</td> <td style="width: 50px; text-align: center;">NO</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table>	YES	NO	<input type="checkbox"/>	<input checked="" type="checkbox"/>
YES	NO				
<input type="checkbox"/>	<input checked="" type="checkbox"/>				
IF YES, check which core requirements it could be used to fulfill:					
O = Oral Intensive, Format 6	W = Writing Intensive, Format 7				
<input type="checkbox"/>	<input type="checkbox"/>				
Natural Science, Format 8 <input type="checkbox"/>					

12. COURSE REPEATABILITY:

Is this course repeatable for credit?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Justification: Indicate why the course can be repeated (for example, the course follows a different theme each time).		
How many times may the course be repeated for credit?	<input type="text"/>	TIMES
If the course can be repeated with variable credit, what is the maximum number of credit hours that may be earned for this course?	<input type="text"/>	CREDITS

13. GRADING SYSTEM: Specify only one.

LETTER: <input checked="" type="checkbox"/>	PASS/FAIL: <input type="checkbox"/>
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RESTRICTIONS ON ENROLLMENT (if any)

14. PREREQUISITES Fire F101, Fire F131, Fire F133, Fire F135, and Fire F137.

These will be required before the student is allowed to enroll in the course.

RECOMMENDED

Classes, etc. that student is strongly encouraged to complete prior to this course.

15. SPECIAL RESTRICTIONS, CONDITIONS

16. PROPOSED COURSE FEES \$

Has a memo been submitted through your dean to the Provost & VCAS for fee approval?	Yes/No	<input type="checkbox"/>
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17. PREVIOUS HISTORY

Has the course been offered as special topics or trial course previously?	Yes/No	<input type="text" value="No"/>
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If yes, give semester, year, course #, etc.:	
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18. ESTIMATED IMPACT

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

The course will require a single classroom with audio/visual equipment.

19. LIBRARY COLLECTIONS

Have you contacted the library collection development officer (kljensen@alaska.edu, 474-6695) with regard to the adequacy of library/media collections, equipment, and services available for the proposed course? If so, give date of contact and resolution. If not, explain why not.

No

Yes

The program provides its own reading resources for students. None are available in the main library.

20. 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)

There will be no impact on other programs.

21. POSITIVE AND NEGATIVE IMPACTS

Please specify **positive and negative** impacts on other courses, programs and departments resulting from the proposed action.

There will be no negative impacts on other programs. The positive impact is that this course will fulfill part of the lower division requirements for the Bachelor of Emergency Services.

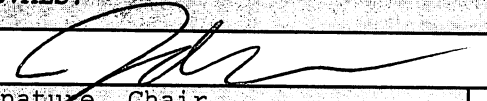
JUSTIFICATION FOR ACTION REQUESTED

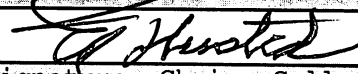
The purpose of the department and campus-wide curriculum committees is to scrutinize course change and new course applications to make sure that the quality of UAF education is not lowered as a result of the proposed change. Please address this in your response. This section needs to be self-explanatory. Use as much space as needed to fully justify the proposed course.


The UAF Community & Technical College A.A.S. Degree in "Emergency Services, Municipal Fire Control" follows the U.S. Fire Administration's Fire and Emergency Services Higher Education model. The addition of Fire F220 will update the A.A.S. Emergency Services Municipal Fire Control Degree to the current U.S. Fire Administration's Fire and Emergency Services Higher Education guidelines for A.A.S. degrees.

The Emergency Services Fire Advisory Board has reviewed the proposed course curriculum and addition to the program. The board has voted unanimously for this course to be added to the Emergency Services A.A.S. Degree in Municipal Fire Control.

APPROVALS:


Signature, Chair, Program/Department of: Emergency Services: Fire Science Date: 1/31/14


Signature, Chair, College/School Curriculum Council for: CTC Date: 1-31-14


Signature, Dean, College/School of: UAF CTC Date: 1/31/14

Signature of Provost (if applicable) Date: _____

Offerings above the level of approved programs must be approved in advance by the Provost.

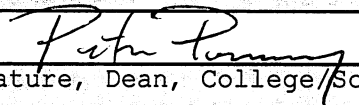
ALL SIGNATURES MUST BE OBTAINED PRIOR TO SUBMISSION TO THE GOVERNANCE OFFICE

Signature, Chair, UAF Faculty Senate Curriculum Review Committee Date: _____

ADDITIONAL SIGNATURES: (As needed for cross-listing and/or stacking)

Signature, Chair, Program/Department of: _____ Date: _____

Signature, Chair, College/School Curriculum Council for: _____ Date: _____


Signature, Dean, College/School of: CRCO Date: 2/14/14

FIRE F220
Emergency Services Safety, Health and Survival
Course Syllabus

Description:

This course introduces the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior changes throughout the emergency services. This interactive course will examine current and future issues in emergency services including; close calls, near misses, line of duty deaths, risk management, mitigation and personal and organizational accountability.

Prerequisites: Fire F101, Fire F131, Fire F133, Fire F135 and Fire F137 or Instructor Permission

Course Objectives:

Describe the importance of public education as a critical component of life safety programs.

Discuss the importance of fire sprinklers and code enforcement.

Explain the importance of safety in the design of apparatus and equipment.

Define and describe the need for cultural and behavioral change within the emergency services relating to safety, incorporating leadership, supervision, accountability and personal responsibility.

Explain the need for enhancements of personal and organizational accountability for health and safety.

Define how the concepts of risk management affect strategic and tactical decision-making.

Describe and evaluate circumstances that might constitute an unsafe act.

Explain the concept of empowering all emergency services personnel to stop unsafe acts.

Validate the need for national training standards as they correlate to professional development inclusive of qualifications, certifications, and re-certifications.

Defend the need for annual medical evaluations and the establishment of physical fitness criteria for emergency services personnel throughout their careers.

Explain the vital role of local departments in national research and data collection systems.

Illustrate how technological advancements can produce higher levels of emergency services safety and survival.

Explain the importance of investigating all near-misses, injuries and fatalities.

Discuss how incorporating the lessons learned from investigations can support cultural change throughout the emergency services.

Describe how obtaining grants can support safety and survival initiatives.

Formulate an awareness of how adopting standardized policies for responding to emergency scenes can minimize near-misses, injuries and deaths.

Explain how the increase in violent incidents impacts safety for emergency services personnel when responding to emergency scenes.

Recognize the need for counseling and psychological support for emergency services personnel, their families, as well as, identify access to local resources and services.

Course Outcomes:

Each student will be able to identify strategies to survive a career in emergency services to and beyond retirement.

Students will be empowered to make positive change to the emergency services career field.

Students will have the tools they need to be safe and aware of potential hazards with the emergency services career field.

Students will be able to define how formal and informal policies are instituted and govern emergency services organizations.

Methods:

This course includes lecture, case study and student research.

Grading Policy:

In determining final grade, the student performance will be evaluated in the following areas:

Attendance and Participation:	25%,
Exams and Quizzes:	50%
Research Paper and Homework Assignments:	25%
Other:	N/A

Students who wish to drop this class must withdraw officially. This can be done by completing an ADD/DROP form in the Office of Admissions and Records. Students, who stop attending class without officially withdrawing, may receive a "F" grade. Students who do not participate substantially in the course will receive a Faculty Initiated Withdraw.

Excused absences and make up of missed material must be approved by the instructor & notification prior to class or in a timely manner in the event of an emergency. Employment obligations are not an excused absence.

Letter Grades for the course will be determined as follows and will reflect the grading system and grade point average computation policy stated in the current UAF course catalog:

A.....	100-90%
B.....	89-80%
C.....	79-70%
D.....	69-60%
F.....	Below 60%

Policies:

Late work will be accepted up to five (5) days after the due date with a penalty of one full letter grade.

Research Paper:

Students will write a five page (minimum) research paper on the assigned subject. No work may be submitted for two courses without explicit approval of both instructors. (See UAF Honor Code) A list of sources cited must be included for all reference material used.

UAF Honor Code:

The public holds emergency services personnel accountable to the highest standards of ethics. The credibility of our degree program requires that we meet those expectations in every way possible. As a UAF student, you are subject to the Honor Code. The University assumes that the integrity of each student and the student body as a whole will be upheld. Honesty is a primary responsibility of you and every other UAF student. It is your responsibility to help maintain the integrity of the student community including the reporting any observed violations to the Instructor or Program Coordinator. UAF's Honor Code is as follows:

1. Students will not collaborate on any quizzes, in-class exams, or take-home assignments that will contribute to their grade in a course, unless permission is granted by the course instructor. Only those materials permitted by the instructor may be used to assist in quizzes and exams. The use of study groups is encouraged.
2. Students will not represent the work of others as their own. A student will attribute the source of information not original with himself or herself (direct quotes or paraphrases) in compositions, theses and other reports. (Specifically prohibited for this course are reports composed by other students from previous course offerings and any Internet sources.)
3. No work submitted for one course may be submitted for credit in another course without the explicit approval of both instructors. Students may use the same report topic and references from other courses if the Instructor is provided with a graded copy of any similar submissions to show that an identical report has not been submitted for credit twice.

Violations of the Honor Code will result in a failing grade for the assignment and for the course in which the violation occurred. Violations of the Honor Code may result in suspension or expulsion.

Disabilities Services:

The Office of Disabilities Services implements the Americans with Disabilities Act (ADA), and insures the UAF students have equal access to the campus and course materials. Your instructor will work with the Office of Disabilities Services (203 WHIT, 474-7043) to provide reasonable accommodation to students with disabilities.

Text Book/Resources:

16 Firefighter Life Safety Initiatives (www.everyonegoeshome.com)

<http://www.firefighterclosecalls.com/home.php>

Fire Science Blog to be maintained during F220.

Suggested Reading:

<http://www.firefighternearmiss.com/>

Course Outline:**Class 1**

Lecture Part 1: Course Introduction

- A. Introduction and Orientation of Instructors and Students
- B. Discussion of course content
- C. Student responsibilities
- D. Grading policy
- E. Honor Code

Lecture Part 2: Emergency Services Culture and Behavior

- A. History of fire service culture
- B. Organizational culture
- C. Individual role in culture/behavior

Assignment: Review Chapter 1 of the text (pg. 3-22). Read the 16 Fire and Life Safety Initiatives (Chapter 1 pg 7-18). Read Chapter 2 of the text (pg. 23-28). Reach Chapter 4 of the text (pg. 63-76).

Class 2

Lecture: Defining Nature of the Problem

- A. History of line of duty deaths and injuries statistics
- B. Defining the nature of the problem

Assignment: Find a Line of Duty Death or NIOSH report relevant to emergency services. Prepare a summary of this report. In addition, please submit a copy of the report with your summary. These summaries and their reports will be discussed next class. Read Chapter 3 of the text (pg. 39-62). Respond to BLOG question #1.

Class 3

Lecture: The National Context, Health and Safety

- A. Data Collection (NFIRS)
- B. Research and Investigation
- C. NIST and NIOSH
- D. Discussion: Line of Duty Death or NIOSH Reports, Findings and Summaries
- E. Discussion: BLOG Question #1

Assignment: Read Chapter 8 in the text (pg161-188). Respond to BLOG Question #2.

Class 4

Lecture: The National Context, Health and Safety Continued

- A. NFPA, OSHA
- B. Medical and fitness standards

C. Discussion: BLOG Question #2.

Assignment: Read Chapter 7 of the text (pg. 123-160). Respond to BLOG Question #3.

Class 5

Lecture: Training, certification and credentialing

- A. Training standards, safety issues and improvements
- B. Certification and credentialing
- C. Discussion: BLOG Question #3.

Assignment: Read Chapter 10 of the text (pg. 209-254). Research topics for your research paper-be prepared to present your research project topic to your instructor next class.

Class 6

Lecture: Apparatus, Equipment and Appropriate Response

- A. Apparatus and equipment
- B. Emergency response – response to emergency scenes

Assignment: Read Chapter 9 of the text (pg. 189-208).

Class 7

Lecture: Current and emerging technologies and subsequent changes

- A. Current technologies
- B. Emerging technologies
- C. Special Requirements
- D. Subsequent changes

Assignment: Respond to Blog Question #4. Research and write a page paper regarding technology. Read Chapter 5 of the text (pg. 77-90). Upon receiving instructor approval for your research paper topic, begin this assignment and be prepared to submit this assignment class 10.

Class 8

Lecture: Organizational Health and Safety

- A. Personal and organizational accountability
- B. Present condition/culture
- C. Investigations - internal
- D. Analyzing your profile
- E. Utilizing grants to meet needs

Guest Speaker: Presumptive legislation.

Assignment: Watch Mark Noble Video. Write 500 word response outlining your thoughts on cancer research, changing emergency services culture or presumptive legislation. Read Chapter 6 of the text (pg. 91-122).

Class 9

Lecture: Risk Management

- A. Risk management concepts and practices

- B. Unsafe acts
- C. Empowerment definition
- D. Discussion: BLOG Question #4.

Assignment: Respond to Blog Question #5. Remember your research paper is due next class. Read Chapter 11 of the text (pg. 253-264).

Class 10

Lecture: Effects of Fire and Life Safety Prevention

- A. Prevention
- B. Education Programs
- C. How Prevention and Programs Relate to Firefighter Safety
- D. Discussion: BLOG Question #5.

Assignment: Read Chapter 12 of the text (pg. 265-272).

Class 11

Lecture: Implementation of Firefighter Life Safety Initiatives

- A. Problem Identification
- B. Culture Lag
- C. Change Agents
- D. First Steps

Assignment: Respond to Blog #6.

Class 12

Lecture: Implementation of Firefighter Life Safety Initiatives Continued

- A. Discussion: Research Paper Outcomes
- B. Leadership
- C. Discussion: BLOG Question #6.

Class 13

Lecture: Reveal Real World Complexities

- A. Discussion Application of the Course
- B. Discussion: Real World Examples

Guest Speaker: Initiating Change and Improving an Environment

Assignment: Prepare for final Examination

Class 14

Lecture: Course Wrap-Up

- A. The Severity
- B. The Impact
- C. The Potential
- D. Class Review/Evaluation/Suggestions

Final Examination

Instructor:

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Fairbanks, AK 99709
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907-455-2813 (fax)