

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:**

<b>Department</b>	Emergency Services	<b>College/School</b>	UAF-Community and Technical College
<b>Prepared by</b>	John George	<b>Phone</b>	907-455-2879
<b>Email Contact</b>	jgeorge@alaska.edu	<b>Faculty Contact</b>	John George

1. ACTION DESIRED (CHECK ONE):

Trial Course	<input type="checkbox"/>	New Course	<input checked="" type="checkbox"/>
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2. COURSE IDENTIFICATION:

Dept	FIRE	Course #	F220	No. of Credits	3.0
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Justify upper/lower division status & number of credits:

This course updates the A.A.S Municipal Fire Control curriculum and aligns it with the Nation Fire Academies Fire and Emergency Services Higher Education model for an A.A.S degree.

3. PROPOSED COURSE TITLE:

~~FIRE F220~~ **PRINCIPLES** of Fire and Emergency Services Safety and Health

4. To be CROSS LISTED? YES/NO

No       If yes, Dept:  Course #

(Requires approval of both departments and deans involved. Add lines at end of form for such signatures.)

5. To be STACKED? YES/NO

No       If yes, Dept.  Course #

6. FREQUENCY OF OFFERING:

Every Spring

Fall, Spring, Summer (Every, or Even-numbered Years, or Odd-numbered Years) - or As Demand Warrants

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

Spring 2011

**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
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OTHER FORMAT (specify)

Mode of delivery (specify lecture, field trips, labs, etc)

Lecture

9. CONTACT HOURS PER WEEK:

<input checked="" type="checkbox"/> 3.0 LECTURE hours/weeks	<input type="checkbox"/> LAB hours /week	<input type="checkbox"/> PRACTICUM hours /week
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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 Principals of Fire and Emergency Services Safety and Health**

This course introduces the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural, and behavior change throughout the emergency services. This interactive course will examine current issues in emergency services including close calls, near misses and line of duty deaths. (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? YES  NO

IF YES, check which core requirements it could be used to fulfill:

O = Oral Intensive, Format 6  W = Writing Intensive, Format 7  Natural Science, Format 8

12. **COURSE REPEATABILITY:**

Is this course repeatable for credit? YES  NO

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?  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?  CREDITS

13. **GRADING SYSTEM:** Specify only one.

LETTER:  PASS/FAIL:

**RESTRICTIONS ON ENROLLMENT (if any)**

14. **PREREQUISITES** Fire F101, Fire F131, Fire F133, Fire F135, and Fire F137 or Instructor Permission

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

17. **PREVIOUS HISTORY**

Has the course been offered as special topics or trial course previously? Yes/No

If yes, give semester, year, course #, etc.:

18. **ESTIMATED IMPACT**

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

One 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

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)

No additional 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.

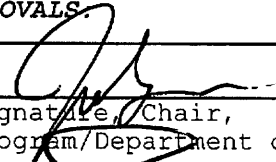
No negative impacts on other programs. This new course would fulfill part of the lower division requirements of the Bachelors of Emergency Services.

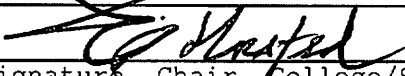
JUSTIFICATION FOR ACTION REQUESTED

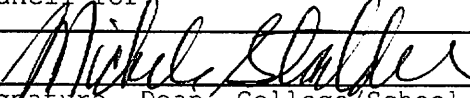
The purpose of the department and campus-wide curriculum committees is to scrutinize course change and new course applications to make sure that the quality of UAF education is not lowered as a result of the proposed change. Please address this in your response. This section needs to be self-explanatory.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


<sup>Community</sup>  
~~Career~~ The UAF ~~Career~~ and Technical College A.A.S Emergency Services Municipal Fire Control degree follows the US Fire Administrations Fire and Emergency Services Higher Education model. The addition of Fire F220 would update the AAS Emergency Services Municipal Fire Control to the US Fire Administrations Fire and Emergency Services Higher Education current AAS guidelines. The Emergency Services Fire Advisory Board meet in June 2010 to review the proposed curriculum and course addition. They voted unanimously that this course should be added to the Emergency Services AAS Municipal Fire Control.

APPROVALS.

 Date 4-8-11  
Signature, Chair, Program/Department of: EMERGENCY SERVICES & PUB. SAFETY

 Date 4-15-11  
Signature, Chair, College/School Curriculum Council for: CTC

 Date 4-15-11  
Signature, Dean, College/School of:

 Date 4/15/11  
Signature of Provost (if applicable)

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

**ATTACH COMPLETE SYLLABUS (as part of this application).**

Note: The guidelines are online: <http://www.uaf.edu/uafgov/faculty/cd/syllabus.html>

The department and campus wide curriculum committees will review the syllabus to ensure that each of the items listed below are included. If items are missing or unclear, the proposed course change will be denied.

**SYLLABUS CHECKLIST FOR ALL UAF COURSES**

During the first week of class, instructors will distribute a course syllabus. Although modifications may be made throughout the semester, this document will contain the following information (as applicable to the discipline):

**1. Course information:**

Title,  number,  credits,  prerequisites,  location,  meeting time (make sure that contact hours are in line with credits).

**2. Instructor (and if applicable, Teaching Assistant) information:**

Name,  office location,  office hours,  telephone,  email address.

**3. Course readings/materials:**

Course textbook title,  author,  edition/publisher.  
 Supplementary readings (indicate whether  required or  recommended) and  
 any supplies required.

**4. Course description:**

Content of the course and how it fits into the broader curriculum;  
 Expected proficiencies required to undertake the course, if applicable.  
 Inclusion of catalog description is *strongly* recommended, and  
 Description in syllabus must be consistent with catalog course description.

**5.  Course Goals (general), and (see #6)**

**6.  Student Learning Outcomes (more specific)**

**7. Instructional methods:**

Describe the teaching techniques (eg: lecture, case study, small group discussion, private instruction, studio instruction, values clarification, games, journal writing, use of Blackboard, audio/video conferencing, etc.).

**8. Course calendar:**

A schedule of class topics and assignments must be included. Be specific so that it is clear that the instructor has thought this through and will not be making it up on the fly (e.g. it is not adequate to say "lab". Instead, give each lab a title that describes its content). You may call the outline Tentative or Work in Progress to allow for modifications during the semester.

**9. Course policies:**

Specify course rules, including your policies on attendance, tardiness, class participation, make-up exams, and plagiarism/academic integrity.

**10. Evaluation:**

Specify how students will be evaluated,  what factors will be included,  their relative value, and  
 how they will be tabulated into grades (on a curve, absolute scores, etc.)

**11. Support Services:**

Describe the student support services such as tutoring (local and/or regional) appropriate for the course.

**12. Disabilities Services:**

The Office of Disability Services implements the Americans with Disabilities Act (ADA), and insures that UAF students have equal access to the campus and course materials.

State that you will work with the Office of Disabilities Services (208 WHIT, 474-5655) to provide reasonable accommodation to students with disabilities."

**FIRE 220**  
**Principals of Fire and Emergency Services Safety and Health**  
**Course Syllabus**  
3.0 Credits

**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 change throughout the emergency services. This interactive course will examine current issues in emergency services including close calls, near misses and line of duty deaths.

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

**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, group activity 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%
Term paper	N/A
Projects 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 report on the assigned subject using MLA format. 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.

**Student Services:**

The Student Support Services (SSS) program located in 512 Gruening Building, provides opportunities for academic development, assists students with college requirements, and serves to motivate students towards the successful completion of their degree program.

**Services include:**

- Free tutorial services
- Instruction in mathematics skills
- Academic advising, mentoring and personal support
- Cultural and social engagement
- Use of laptop computers, labs, and other technology resources
- Direct financial assistance to qualified low-income participants

All services are provided free of charge to eligible students. Our program is staffed with both professional and certified student tutors.

Students Services are also available at the UAF Community and Technical College located at 604 Barnett Street. Please call (907) 455-2800 for more information.

**Course Text Book/Resources:**

The following websites will be used throughout this course as assigned reading:

[www.everyonegoeshome.com](http://www.everyonegoeshome.com) which contains the 16 Fire and Life Safety Initiatives

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

Fire Science Blog to be maintained during F220.

**Suggested Reading**

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

**Instructor Information:**

John K. George, Assistant Professor

**Contacts:**

(907) 455-2879 Office

(907) 347-9966 Cell

jgeorge@alaska.edu Email

*Note- Email is the best way to contact me.*

**Office:**

University Park Building

1000 University Ave.

Room 107

**Safety:**

Please take a moment to familiarize yourself with the building exits and evacuation routes. All students must meet at the designated building meeting place in the event of a fire or other emergency requiring evacuation.

Emergency Number: 911



## **Course Outline:**

### **Class 1**

Introduction and Orientation of Instructors and Students  
Discussion of course content  
Student responsibilities  
Grading policy  
Honor Code

### **Lecture:**

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

**Assignment:** Read the 16 Fire and Life Safety Initiatives. Respond to BLOG question #1.

### **Class 2**

### **Lecture:**

The national context, health and safety  
A. NFPA, OSHA  
B. Medical and fitness standards  
C. Data Collection (NFIRS)  
D. Research/ Investigation NIST, NIOSH

**Assignment:** Find a Line of Duty Death or NIOSH report relevant to emergency services. Be prepared to discuss this report in summary next class. A copy of the report must be submitted in class.

### **Class 3**

### **Lecture:**

Training, equipment, response  
A. Training, certification, credentialing  
B. Apparatus and equipment  
C. Emergency response – response to emergency scenes  
D. Violent incidents  
E. Emerging technologies

**Assignment:** Respond to Blog #2

#### **Class 4**

##### **Lecture:**

Organizational health and safety profile

- 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..

#### **Class 5**

##### **Lecture:**

Risk Management

- A. Risk management concepts and practices
- B. Unsafe acts
- C. Empowerment definition

Guest Speaker: Risk Management

**Assignment:** Respond to Blog #3

#### **Class 6**

##### **Lecture:**

Prevention

- A. Home fire sprinklers
- B. Code enforcement
- C. Public education/ fire and life safety

**Assignment:** Start Class project. Get instructor approval for research subject.

#### **Class 7.**

**Submit confirmation note for subject of project.**

##### ***Midterm Examination***

##### **Lecture:**

Risk vs. Benefit Assessment

Guest Speaker: Command Officer

**Assignment:** Develop Research Project due class 13.

## **Class 8**

### **Lecture:**

Surviving to Retirement

- A. Physical Fitness
- B. Stress Reduction
- C. Preventative Measures
- D. Counseling and psychological support

Guest Speaker: CISM

**Assignment:** Respond to Blog #4

## **Class 9**

### **Lecture:**

Making Change Happen

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

**Assignment:** Respond to Blog #5

## **Class10.**

### **Lecture:**

Keeping up with the times

- A. Why training is important
- B. Resources to stay current

**Assignment:** Find a training topic of interest and submit a copy of the material next class.

## **Class 11**

### **Lecture:**

Training Topics

**Assignment:** Find a current Line of Duty Death and submit a copy of LODD report for next class.

**Class 12**

**Lecture:**

Line of Duty Deaths

**Assignment:** Finalize Research Paper and submit next class.

**Class 13**

**Lecture:** Discussion of Research Projects.

**Assignment:** Prepare for final Examination

**Class 14**

***Final Examination***

Student Evaluation Packets

**INSTRUCTORS:**

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North Pole, Alaska 99705

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