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:

<table>
<thead>
<tr>
<th>Department</th>
<th>Emergency Services</th>
<th>College/School</th>
<th>UAF-Community and Technical College</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prepared by</td>
<td>John George</td>
<td>Phone</td>
<td>907-455-2879</td>
</tr>
<tr>
<td>Email Contact</td>
<td><a href="mailto:jgeorge@alaska.edu">jgeorge@alaska.edu</a></td>
<td>Faculty Contact</td>
<td>John George</td>
</tr>
</tbody>
</table>

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

2. COURSE IDENTIFICATION:
- Dept: FIRE
- Course # F220
- No. of Credits 3.0

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
- If yes, Dept:

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

5. To be STACKED?
- Yes/No
- If yes, Dept:

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)
    - x 6 weeks to full semester

- OTHER FORMAT
  - (specify)

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

  Lecture

9. CONTACT HOURS PER WEEK:

- 3.0 LECTURE hour/week
- 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 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 X ☑

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

G - Oral Intensive, W - Writing Intensive, Natural Science, Format 6 ☐ Format 7 ☐ Format 8 ☐

12. COURSE REPEATABILITY:

Is this course repeatable for credit? YES ☐ NO X ☑

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: X ☐ 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 [x] [ ]

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.

Community 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 F210 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:

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

Signature, Chair, College/School Curricula 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/uafoe/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 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

Class 10.
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:

Loren C. [Bud] Rotroff
PO Box 56763
North Pole, Alaska  99705
Phone: (907) 488-9157
Fax: (907) 488-9107
E-mail: rotroff@alaska.net

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Fairbanks, Alaska  99709
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E-mail: fnper@uaf.edu