Submit originals (including syllabus) and one copy and electronic copy to the Faculty Senate Office. 

**CHANGE COURSE (MAJOR) and DROP COURSE PROPOSAL**
Attach a syllabus, except if dropping a course.

<table>
<thead>
<tr>
<th>SUBMITTED BY:</th>
<th>Department</th>
<th>Emergency Services: Fire Science</th>
<th>College/School</th>
<th>CRCD – CTC</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Prepared by</td>
<td>John George</td>
<td>Phone</td>
<td>907-455-2853</td>
</tr>
<tr>
<td></td>
<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. **COURSE IDENTIFICATION:** As the course now exists.
   - Dept: **FIRE** Course #: **F153** No. of Credits: **3.0**

   **COURSE TITLE**: FIRE F153 Advanced Wildland Firefighter

2. **ACTION DESIRED:** Changes to be made to the existing course.
   - Change Course [ ] Drop Course [ ]
   - If Change, indicate below what change.

   **NUMBER** | **TITLE** | **DESCRIPTION**
   ------------|-----------|----------------|
   [ ]         | X         | X              |

   **PREREQUISITES**
   - [ ]

   **CREDITS (including credit distribution)**
   - 2+0

   **FREQUENCY OF OFFERING**
   - [ ]

   **COURSE CLASSIFICATION**
   - [ ]

   **CROSS-LISTED**
   - Dept.
   - [ ]

   **STACKED (400/600)**
   - Include syllabi.
   - [ ]

   **OTHER (please specify)**
   - Revise curriculum to match wildfire industry request.

3. **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 and the appropriate Faculty Senate curriculum committee.
   - Furthermore, any core course compressed to less than six weeks must be approved by the core review committee.

   **COURSE FORMAT:**
   - [ ] 1
   - [ ] 2
   - [ ] 3
   - [ ] 4
   - [ ] 5
   - X 6 weeks to full semester

   **OTHER FORMAT (specify all that apply)**
   - Lecture

4. **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
   - YES [ ] NO [ ]

   Will this course be used to fulfill a requirement for the baccalaureate core?

   IF YES, check which core requirements it could be used to fulfill:
   - O = Oral intensive,
   - W = Writing intensive, Format 7 submitted
   - Natural Science, Format 8 submitted

5. **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?

   If the course can be repeated with variable credit, what is the maximum number of credit hours that may be earned for this course?

   [ ] TIMES
   [ ] CREDIT
6. CURRENT CATALOG DESCRIPTION AS IT APPEARS IN THE CATALOG: including dept., number, title and credits
FIRE F153 Advanced Wildland Firefighter

3 Credits
Offered Fall

Designed to provide national certification for advanced wildland firefighters with knowledge of water use, preliminary fire investigation and the duties and responsibilities of the squad boss. Prerequisites: FIRE F151 or instructor permission. (2.5+1)

7. COMPLETE CATALOG DESCRIPTION AS IT WILL APPEAR WITH THESE CHANGES: (Underline new wording strike through old wording and use complete catalog format including dept., number, title, credits and cross-listed and stacked.)
PLEASE SUBMIT NEW COURSE SYLLABUS. For stacked courses the syllabus must clearly indicate differences in required work and evaluation for students at different levels.

FIRE F153 Advanced Wildland Firefighter - Wildland Firefighter III

3-2 Credits
Offered Fall

Designed to meet the training needs provide national certification for advanced wildland firefighters. Course content includes training in the use of fireline reference materials, recognition and mitigation of safety issues and provides a solid foundation of basic leadership skills with knowledge of water use, preliminary fire investigation and the duties and responsibilities of the squad boss. Prerequisites: FIRE F151 or instructor permission. (2.5+1)(2.0+0) This course is based on a number of individual National Wildfire Coordinating Group (NWCG) courses. Successful course completion combined with national age, physical fitness requirements, and appropriate experience as outlined by NWCG may qualify the student for an interagency fire qualification.

NWCG Courses for F153 include:
S-131 Wildland Firefighter Type I
S-133 Look Up, Look Down, Look Around
L-280 Followership to Leadership

8. IS THIS COURSE CURRENTLY CROSS-LISTED?
YES/NO  No

(Requires written notification of each department and dean involved. Attach a copy of written notification.)

9. GRADING SYSTEM: Specify only one

LETTER  X  PASS/FAIL:

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

No impact. Course update only.

11. LIBRARY COLLECTIONS
Have you contacted the library collection development officer (kjiensen@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  No library resources required. Library was contacted on 3/6/2012
12. 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. Course update only.

13. POSITIVE AND NEGATIVE IMPACTS
Please specify positive and negative impacts on other courses, programs and departments resulting from the proposed action.

This update should allow more students to transfer credit in to UAF and to see a pathway between the AAS Wildfire Control and a career in wildland fire.

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. If you ask for a change in # of credits, explain why; are you increasing the amount of material covered in the class? If you drop a prerequisite, is it because the material is covered elsewhere? If course is changing to stacked (400/600), explain higher level of effort and performance required on part of students earning graduate credit. Use as much space as needed to fully justify the proposed change and explain what has been done to ensure that the quality of the course is not compromised as a result.

Updating this course will bring this course back in line with how the wildland fire industry offers National Wildfire Coordination Group (NWCG) courses. Some of the prior material offered in this course is no longer applicable to how courses are delivered within the NWCG. This change was requested by the wildland fire industry task force during their review of the AAS Wildland Fire Control degree.

APPROVALS: (Additional signature blocks may be added as necessary.)

(SEE SIGNATURE ON NEXT PAGE) Date

Signature, Chair, Program/Department of:

Date 11-19-12

Signature, Chair, College/School Curriculum Council for: CTC

Date 11/19/12

Signature, Dean, College/School of: CTC

Date

Signature of Provost (if applicable)

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

<table>
<thead>
<tr>
<th>Signature, Chair, Program/Department of:</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
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Signature, Chair, College/School Curriculum Council for:  

<table>
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<tr>
<th>Signature, Dean, College/School of:</th>
<th>Date</th>
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<tbody>
<tr>
<td></td>
<td>12/3/12</td>
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</tbody>
</table>

**ADDITIONAL SIGNATURES: (As needed for cross-listing and/or stacking)**
University of Alaska Fairbanks
Community and Technical College
Emergency Services Program
FIRE 153 - Wildland Firefighter III
2.0 (2+0) Credits
Course Syllabus

Course Description:

Designed to meet the training needs of the Advanced Wildland Firefighter. Course content includes training in use of fireline reference materials, recognition and mitigation of safety issues, and provides a solid foundation of basic leadership skills. This course is based on a number of individual National Wildfire Coordinating Group (NWCG) courses.

NWGC Courses included: S-131 Firefighter Type 1
S-133 Look Up, Look Down, Look Around
L-280 Followership to Leadership

Offered Fall

Course Goals:

Successful course completion combined with national age, physical fitness and appropriate experience requirements as administered by a federal or state wildland fire agency will qualify the student for interagency fire qualification certifications.

Prerequisites:

FIRE 151 or instructor’s permission

Student Learning Outcomes:

The successful student will be able to:

- Demonstrate the ability to use fireline reference tools to facilitate communications and decision making processes.
- Describe how to incorporate and maintain open lines of communication with appropriate personnel.
- Demonstrate the ability to apply the standard operating procedures found in the Incident Response Pocket Guide.
- Demonstrate the ability to apply information found in the Fireline Handbook.
- Identify environmental factors and their respective indicators of hazardous conditions for fire behavior.
- Describe how to use above indicators when implementing the Risk Management Process.
Demonstrate an understanding of fundamental leadership principles.
Assess their individual traits and motivation for entering a leadership role.

Methods:

The course is interactive lecture with visuals. Group discussion is strongly encouraged. Lectures will be aided by demonstrations, tactical decision games, and self assessment exercises. Homework assignments, periodic quizzes and unit finals will document student progress.

Minimum Instructor Qualifications:

Lead instructor must be a NWCG qualified single resource boss.
Unit instructors (S-131, S-133) must be NWCG qualified firefighter type 1.
Unit instructors (L-280) must have NWCG supervisory qualification any ICS function.

Location and Meeting Times:

Room X, University Park Center, 1000 University Avenue
Date 1 through Date 2, Day of the week(s), Start Time – End Time

Grading Policy:

<table>
<thead>
<tr>
<th>Average Score</th>
<th>Letter Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>90 and above</td>
<td>A</td>
</tr>
<tr>
<td>80 to 89.99</td>
<td>B</td>
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<tr>
<td>70 to 79.99</td>
<td>C</td>
</tr>
<tr>
<td>60 to 69.99</td>
<td>D</td>
</tr>
<tr>
<td>0 to 59.99</td>
<td>F</td>
</tr>
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</table>

Attendance and Participation: 20%
Homework and Quizzes: 50%
Examinations: 30%

Policies:

Attendance is required at all sessions with individual participation expected.
Homework is due on specified dates. Late work will be accepted with penalty.
Individual needs may be discussed. Academic integrity is expected and plagiarism is unacceptable.

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.

Disability Services:

The Office of Disability Services implements the Americans with Disability Act (ADA), and insures that UAF students have equal access to the campus and course materials. Your instructor will work with the Office of Disabilities Services (208 WHIT, 474-5655) to provide reasonable accommodation to student with disabilities.

Student Texts and Supplies:

NFES 002791  S-131 Student Workbook
NFES 001611  S-133 Student Workbook
NFES 002994  L-280 Student Workbook
NFES 000065  Fireline Handbook PMS 410-1
NFES 001077  Incident Response Pocket Guide PMS 461
And

“Leadership Secrets of Attila the Hun” by Wes Roberts,

Suggested Readings:
There may also be assigned readings from the internet and class handouts.

Students should come to class prepared for discussion and note taking.

**Course Calendar** with Readings and Work Assignments:

(Subject to variation as the class progresses.)

**Week 1**

- Unit 0 – S-133 Introduction
- Unit 1 – Fuel Characteristics
- Unit 2 – Fuel Moisture
- Unit 3 – Fuel Temperature
- Unit 4 – Terrain
- Unit 5 – Wind
- Unit 6 – Stability
- Unit 7 – Fire Behavior
- Unit 8 – Risk Management Process
- S-133 Exam
- Unit 0 – S-131 Introduction
- Unit 1 – Fireline Reference Materials
- Unit 2 – Communications
- Unit 3 – Tactical Decision Making

**Week 2**

- Unit 3 – Tactical Decision Making (continued)
- S-131 Exam
- Unit 0 – L-280 Introduction
- Unit 1 – The Art of Leadership
- Unit 2 – Foundations of Leadership
- Unit 3 – Followers to Leaders – The Transition

**Week 3**

- Unit 4 – Situational Leadership
- Unit 5 – Team Cohesion
- Unit 6 – Ethical Decisions
- Unit 7 – Putting it All Together
- Unit 8 – Putting it in Practice
- L-280 Final Exam

*Schedule to provide for 32 contact hours*

**Instructors:**

Instructor #1 Name

Contact Information:
Instructor #2 Name

Contact Information:
  email:
  Office
  Home
  Cell