

Submit originals (including syllabus) and one copy and electronic copy to the **Faculty Senate Office**
 See <http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures/> for a complete description of the rules governing curriculum & course changes.

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

SUBMITTED BY:

Department	Emergency Services: Fire Science	College/School	CRCD – CTC
Prepared by	John George	Phone	907-455-2853
Email Contact	jgeorge@alaska.edu	Faculty Contact	John George

1. COURSE IDENTIFICATION: As the course now exists.

Dept	FIRE	Course #	F262	No. of Credits	3.0
COURSE TITLE		FIRE F262 Wildland Fire Control II			

2. ACTION DESIRED: Changes to be made to the existing course.

Change Course	<input checked="" type="checkbox"/>	If Change, indicate below what change.	Drop Course	<input type="checkbox"/>	
NUMBER	<input type="checkbox"/>	TITLE	<input checked="" type="checkbox"/>	DESCRIPTION	<input checked="" type="checkbox"/>
PREREQUISITES	<input type="checkbox"/>	FREQUENCY OF OFFERING	<input type="checkbox"/>		
CREDITS (including credit distribution)	<input type="checkbox"/>	COURSE CLASSIFICATION	<input type="checkbox"/>		
CROSS-LISTED	<input type="checkbox"/>	Dept.	<input type="checkbox"/>	(Requires approval of both departments and deans involved. Add lines at end of form for such signatures.)	
STACKED (400/600) Include syllabi.	<input type="checkbox"/>	Dept.	<input type="checkbox"/>	Course # <input type="checkbox"/>	
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: (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 all that apply)												
Mode of delivery (specify lecture, field trips, labs, etc)	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	<input type="checkbox"/>	S = Social Sciences	<input type="checkbox"/>		
Will this course be used to fulfill a requirement for the baccalaureate core?	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
IF YES, check which core requirements it could be used to fulfill:					
O = Oral Intensive, Format 6 also submitted	<input type="checkbox"/>	W = Writing Intensive, Format 7 submitted	<input type="checkbox"/>	Natural Science, Format 8 submitted	<input type="checkbox"/>

5. COURSE REPEATABILITY:

Is this course repeatable for credit?	<input type="checkbox"/>	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).	<input type="text"/>				
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"/>	CREDIT S			

6. **CURRENT CATALOG DESCRIPTION AS IT APPEARS IN THE CATALOG:** including dept., number, title and credits

FIRE F262 Wildland Fire Control II

3 Credits

Offered Fall Even-numbered Years

Instruction in tactical operations of fire line construction. Use of hand crews, heavy equipment, water and engines, firing operations, wildland/urban interface and using combinations of resources. Advanced level course for trained and experienced wildland fire fighters. Prerequisites: FIRE F151; FIRE F153; FIRE F155; FIRE F157; FIRE F159; FIRE F254; or permission of instructor. (3+0)

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 F262 Wildland Fire ~~Control II~~ Tactical Operations

32 Credits

Offered Fall Even-numbered Years

~~Instruction in tactical operations of fire line construction. Use of hand crews, heavy equipment, water and engines, firing operations, wildland/urban interface and using combinations of resources. Advanced level course for trained and experienced wildland fire fighters. This course is intended to produce proficiency in the selection and implementation of wildland fire suppression tactics necessary at the strike team / task force leader level. Topics include fire line construction, use of hand crews, heavy equipment, water and engines, firing operations and using combinations of resources. This is an advanced level course for trained and experienced wildland firefighters. This course is based on a National Wildfire Coordinating Group (NWCG) course. Prerequisites: FIRE F151; FIRE F153; FIRE F155; FIRE F157; FIRE F159; FIRE F254; FIRE F251 or permission of instructor. (3+0)~~
(2+0)

NWCG Course included: S-336 Tactical Decision Making in Wildland Fire

8. **IS THIS COURSE CURRENTLY CROSS-LISTED?**

YES/NO No

If Yes, DEPT

NUMBER

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

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

LETTER

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 (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	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No library resources required
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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.

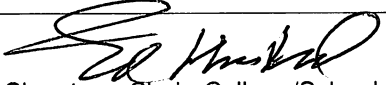
JUSTIFICATION FOR ACTION REQUESTED


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		

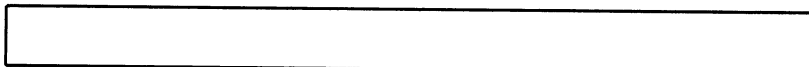
	Date	11/19/12
Signature, Dean, College/School of: CTC		

	Date	
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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.

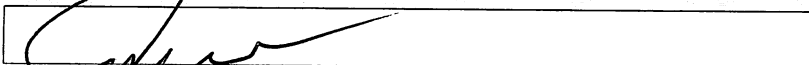


Date



Signature, Chair, UAF Faculty Senate Curriculum Review
Committee

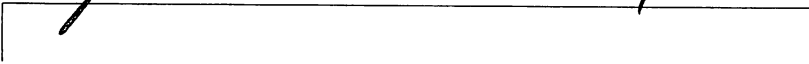
ADDITIONAL SIGNATURES: (As needed for cross-listing and/or stacking)



Date

6/4/12

Signature, Chair, Program/Department of: Emergency Services and Public Safety

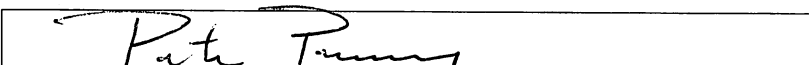


Date



Signature, Chair, College/School Curriculum Council for:





Date

12/3/12

Signature, Dean, College/School of:

CRCS

**University of Alaska Fairbanks
Community and Technical College
Emergency Services Program
FIRE 262 –Wildland Fire Tactical Operations
2.0 (2 + 0) Credits
Course Syllabus**

Course Description:

This course is intended to produce proficiency in the selection and implementation of wildland fire suppression tactics necessary at the strike team / task force leader level. Topics include fire line construction, use of hand crews, heavy equipment, water and engines, firing operations and using combinations of resources. This is an advanced level course for trained and experienced wildland firefighters. This course is based on a National Wildfire Coordinating Group (NWCG) course.

NWGC Course included: S-336 Tactical Decision Making in Wildland Fire

Offered Fall Even-numbered Years

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 155 and FIRE 251 or instructor permission

Student Learning Outcomes:

The successful student will be able to:

Demonstrate the knowledge and practice in decision making necessary to effectively apply wildland fire suppression tactics.

Demonstrate leadership in applying and teaching appropriate fire suppression tactics.

Methods:

The course is primarily lecture with visual. Group discussion is strongly encouraged. Lectures will be aided by demonstrations and group exercises. Homework assignments, periodic quizzes and unit finals will document student progress.

Instructor Qualifications:

Lead instructor must be a NWCG qualified division/group supervisor.
Unit instructors must be NWCG qualified strike team leaders or task force leaders.

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:

Average Score	Letter Grade
90 and above	A
80 to 89.99	B
70 to 79.99	C
60 to 69.99	D
0 to 59.99	F

Attendance and Participation:	20%
Homework and Quizzes:	40%
Examinations:	40%

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 002119	S-336 Student Workbook
NFES 002120	S-336 Pre-course Work
NFES 000065	Fireline Handbook PMS 410-1
NFES 001077	Incident Response Pocket Guide PMS 461

Suggested Readings:

NFES 002092	National Interagency Mobilization Guide
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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.)

Session 1

0800-0900 Unit 0 – Introduction
0900-1130 Unit 1 – Human Factors of Tactical Decision Making
1130-1230 Unit 2 – Situational Awareness, Report on Conditions, and the Risk Management Process
1230-1330 Lunch
1330-1700 Unit 2 (continued)

Session 2

0800-1200 Unit 3 – Rules and Tools of Tactical Planning
1200-1300 Lunch
1300-1700 Unit 3 (continued)

Session 3

0800-1200 Unit 4 – Tactical Decision Games
1200-1300 Lunch
1300-1700 Unit 4 – Tactical Decision Games

Session 4

0800-1200 Unit 4 – Tactical Decision Games
1200-1300 Lunch
1300-1700 Unit 4 – Tactical Decision Games

Schedule to provide 32 contact hours

Instructors:

Instructor #1 Name

Contact Information:

e-mail
Office
Home
Cell

Instructor #2 Name

Contact Information:

email:
Office
Home
Cell