

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 # | F252 | No. of Credits | 3.0 |
|------|------|----------|------|----------------|-----|

COURSE TITLE FIRE F252 Wildland Fire Prevention

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

Change Course If Change, indicate below what change. Drop Course

| | | | | | |
|--|---|-------|-------------------------------------|---|-------------------------------------|
| NUMBER | | TITLE | <input checked="" type="checkbox"/> | DESCRIPTION | <input checked="" type="checkbox"/> |
| PREREQUISITES | | | | FREQUENCY OF OFFERING | |
| CREDITS (including credit distribution) | | 3+0 | | COURSE CLASSIFICATION | |
| CROSS-LISTED | | Dept. | | (Requires approval of both departments and deans involved. Add lines at end of form for such signatures.) | |
| STACKED (400/600) <i>Include syllabi.</i> | | Dept. | | Course # | |
| 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 6 weeks to full semester
 (check **all** that apply)

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 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 also submitted W = Writing Intensive, Format 7 submitted Natural Science, Format 8 submitted

5. 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? CREDIT S

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

FIRE F252 Wildland Fire Prevention

3 Credits

Offered Spring Even-numbered Years

Overview of wildland fire prevention including data collection, problem identification, problem analysis, action planning, fire reporting, fire cause determination, enforcement of laws and ordinances, public fire education, and the economics of fire prevention.

Prerequisites: FIRE F151; FIRE F153; 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 F252 Wildland Fire Prevention I

3 Credits

Offered Spring Even-numbered Years

~~Overview of wildland fire prevention including data collection, problem identification, problem analysis, action planning, fire reporting, fire cause determination, enforcement of laws and ordinances, public fire education, and the economics of fire prevention.~~

~~Prerequisites: FIRE F151, FIRE F153; or permission of instructor.~~

Designed to enhance the basic skill and knowledge of personnel assigned responsibilities for wildfire prevention. Additionally, this course will teach sound wildland fire observations and scene of origin protection practices that enable the first responders identify and preserve evidence of fire cause. An introduction to Alaskan wildland fire prevention statutes and regulations, and enforcement procedures will be included. This course is based on a National Wildfire Coordinating Group (NWCG) course. 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. (3+0)

NWCG Courses for F252 include:

P-101 Fire Prevention Education I

FI-110 Wildland Fire Observations and Origin Protection

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 Yes No library resources required

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.

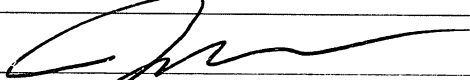
This update should allow more students to transfer credit in to UAF and to see a pathway between the AAS Wildfire Control and a career in wildland fire.

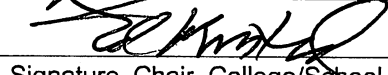
JUSTIFICATION FOR ACTION REQUESTED

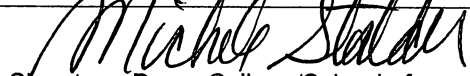
The purpose of the department and campus-wide curriculum committees is to scrutinize course change and new course applications to make sure that the quality of UAF education is not lowered as a result of the proposed change. Please address this in your response. This section needs to be self-explanatory.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

 Date
Signature, Chair, Program/Department of:

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

 Date
Signature, Dean, College/School of:

Signature of Provost (if applicable)
Date

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

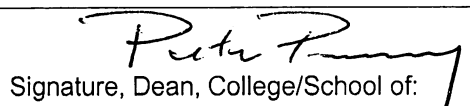
ALL SIGNATURES MUST BE OBTAINED PRIOR TO SUBMISSION TO THE GOVERNANCE OFFICE.

Date
Signature, Chair, UAF Faculty Senate Curriculum Review Committee

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

Date
Signature, Chair, Program/Department of:

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

 Date
Signature, Dean, College/School of:

**University of Alaska Fairbanks
Community and Technical College
Emergency Services Program
FIRE 252 – Wildland Fire Prevention I
3.0 (3+0) Credits
Course Syllabus**

Course Description:

Establishes a basic skill and knowledge set for personnel assigned wildland fire prevention responsibilities. Includes training in sound wildland fire observations and scene of origin protection practices that will enable learners responding to a wildland fire to preserve crucial fire cause and spread indicators. An introduction to Alaskan wildland fire prevention statutes and regulations, and enforcement procedures will be included. This course is based on National Wildfire Coordinating Group (NWCG) courses.

NWGC Courses included: P-101 Fire Prevention Education 1
FI-110 Wildland Fire Observations & Origin Protection

Offered Spring 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 151 or Instructor permission

Student Learning Outcomes:

The successful student will be able to:

Demonstrate the skills and knowledge necessary to perform the field applications of the basic fundamentals of wildland fire prevention.

- Wildland Fire Prevention Administration
- Wildland Fire Prevention Education
- Wildland Fire Prevention Engineering
- Wildland Fire Prevention Enforcement

List various causes of wildland fires and their cause indicators.

Perform the basic procedures and techniques needed to provide witness/observer information to fire investigators.

Identify and protect wildland fire origin areas.

Appreciate Alaskan wildland fire prevention statutes and regulations.
Articulate established law enforcement procedures.

Methods:

The course is presented by short lectures, electronic presentations, exercises, and class discussion. Group discussion is strongly encouraged. Homework assignments, periodic quizzes and unit finals will document student progress.

Instructor Qualifications:

Instructors must have experience in wildland fire investigation and a wide range of wildfire prevention knowledge to facilitate group and class interaction and discussion.

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% |
| Unit Quizzes: | 40% |
| Final Examination: | 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 002881 | P-101 Student Workbook |
| NFES 002597 | Establishing Fire Prevention Education Cooperative Programs and Partnerships |
| NFES 002602 | Fire Communication and Education |
| NFES 002598 | Industrial Operations Fire Prevention Guide |
| NFES 002601 | Recreation Area Fire Prevention |
| NFES 001254 | Wildfire Prevention Conducting School Programs Guide |
| NFES 001877 | Wildfire Prevention and the Media |
| NFES 002570 | Wildfire Prevention Patrol Guide |
| NFES 002750 | Participating on Wildland Fire Prevention Education Teams Guide |
| NFES 002753 | Wildfire Prevention Sign and Poster Guide |
| NFES 002748 | FI-110 Student Workbook |

| | |
|-------------|--|
| NFES 001874 | Wildfire Origin and Cause Determination Handbook, PMS 412-1 |
| NFES 001077 | Incident Response Pocket Guide, PMS 461 |

Additional Readings:

Alaska Statutes, Title 41 Public Resources, Article 1 Protection of Forested Lands
Alaska Administrative Code, Title 11, Chapter 95, Article 3 Forest Fire Protection

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 | P-101 Unit 0 - Introduction |
| 0900-1000 | P-101 Unit 1A – History of Wildland Fire Prevention |
| 1000-1100 | P-101 Unit 1B – Fundamentals of Fire Prevention |
| 1100-1200 | P-101 Unit 1C – Interagency Cooperation |
| 1200-1300 | Lunch |
| 1300-1400 | P-101 Unit 1D – National Emphasis Programs |
| 1400-1500 | P-101 Unit 1E – Fire Prevention/Mitigation Planning |
| 1500-1600 | P-101 Unit 1F – Fire Prevention Education Teams |
| 1600-1700 | P-101 Unit 1G – Fire Danger Rating and Fire Prevention |

Session 2

| | |
|-----------|---|
| 0800-1000 | P-101 Unit 2A – Fire Prevention Communication/Education |
| 1000-1200 | P-101 Unit 2B – CFFP Program – Smokey Bear |
| 1200-1300 | Lunch |
| 1300-1400 | P-101 Unit 2C – Fire Prevention and the Media |
| 1400-1500 | P-101 Unit 2D – Fire Prevention Signing |
| 1500-1700 | P-101 Unit 2E – Children’s Fire Prevention Programs |

Session 3

| | |
|-----------|---|
| 0800-1000 | P-101 Unit 2F – Fire Prevention Materials |
| 1000-1100 | P-101 Unit 3A – Fire Prevention and Fuels Management |
| 1100-1200 | P-101 Unit 3B – FIREWISE/Fire Safe Programs |
| 1200-1300 | Lunch |
| 1300-1400 | P-101 Unit 3C – Fire Prevention Home Evaluations |
| 1400-1600 | P-101 Unit 3D – Spark Arresters |
| 1600-1700 | P-101 Unit 3E – Industrial Operations Fire Prevention |

Session 4

0800-0900 P-101 Unit 3F – Power Line Fire Prevention
0900-1000 P-101 Unit 3G – Railroad Fire Prevention
1000-1100 P-101 Unit 3H – Recreation Area Fire Prevention
1100-1200 P-101 Unit 4A – Fire / Public Use Restrictions
1200-1300 Lunch
1300-1400 P-101 Unit 4B – Fire Prevention Patrol
1400-1500 P-101 Unit 4C – Fire Prevention Permits
1500-1700 P-101 Unit 5 – Test/Course Summary

Session 5

0800-0830 FI-110 Unit 0 – Introduction
0830-0900 FI-110 Unit 1 – Roles and Responsibilities
0900-1100 FI-110 Unit 2 – Fire Cause Categories
1100-1200 FI-110 Unit 3 – Fire Behavior
1200-1300 Lunch
1300-1345 FI-110 Unit 4 – Responding to the Fire
1345-1430 FI-110 Unit 5 – Arrival at the Scene
1430-1500 FI-110 Final Exam

Schedule for 40 hours (5 days)

Instructors:

Instructor #1 Name

Contact Information:

e-mail
Office
Home
Cell

Instructor #2 Name

Contact Information:

email:
Office
Home
Cell