

Course Description - CIMC - Complex Incident Management Course

October 7-12, 2007, Kinston, North Carolina

February 10-15, 2008, location in Wisconsin to be determined

Target Group

Any state employee designated to fill a state level interagency incident management team position as an Incident Commander, Planning Section Chief, Operations Section Chief, Logistics Section Chief, Finance Section Chief, Safety Officer, Information Officer, and Liaison Officer.

Prerequisites

I/S-420 and Position Training

Objectives

The Complex Incident Management Course (CIMC) is a partnership between the National Association of State Foresters and the U. S. Forest Service to provide a national incident management training program that addresses multi-jurisdictional and all-risk issues, including wildfire, that confront state emergency responders.

Course objectives are to train command staff positions to function as qualified state incident management teams who are able to assist their state forestry organizations and state emergency departments in the management of large or highly complex wildfires and other all risk incidents. The focus of the course is to better prepare team members to address the unique and challenging management needs associated with these kinds of incidents.

Course Description

Using classroom lecture and simulated incidents the student will understand the role and function of an incident management team, the applicability of management principles to the incident management job, and the special considerations of incident management within geographic areas of the nation.

Background

In 1998 work started on the development of the CIMC designed to meet the training needs of state incident management Teams. The National Association of State Foresters (NASF) secured a grant from the U.S. Forest Service and charged the CIMC Steering Committee with development of a course that could be delivered up to twice a year anywhere in the United States and completed within a week.

Since 2001 the NASF has successfully conducted CIMC sessions in Arizona, California, Florida, Pennsylvania, North Carolina, Texas, New York and Oregon.

Nomination Process

A notification of training letter will be sent to each State Fire Chief's office advising them of upcoming training and of the training location. The training location will rotate between the three NASF regions (Northeast, South and West). Teams from the host region will have priority of attendance.

State Fire Chiefs will then provide a list of candidates and their team positions to the CIMC Executive Secretary for CIMC Steering Committee review and selection. The CIMC Executive Secretary will then send out final selection letters along with course information and reading materials.

Course Coordinator

Tim Peterson, National Advanced Fire and Resource Institute
3265 E. Universal Way, Tucson, AZ. 85706

(520) 799-8757, FAX: (520) 799-8785, tjpeterson@fs.fed.us

Page last updated: August 20, 2007

Course Description - D-510 Expanded Dispatch Supervisory Dispatcher

Session #1: March 31 -- April 4, 2008

Session #2: April 7 -- April 11, 2008

Note: D-510 is a one-week course. For 2008, two sessions are planned. Nominees should be prepared to attend either session.

Target Group

This course is designed to train individuals who will be called upon to establish and supervise an expanded dispatch organization and who have met prerequisite training and experience at the Expanded Dispatch Support Dispatcher (EDSD) level.

Prerequisites

- Qualified as Expanded Dispatch Support Dispatcher. Recommend experience in all functional areas (Overhead, Crews, Equipment, and Supply).
- Successfully completed *D-312 Aircraft Dispatcher. *The following are equivalent aviation courses that may be substituted for D-312 within the timeframes listed:
 - 1992-2002 Interagency Aviation Management and Safety (IAMS).
 - 2002-2005 Aviation Conference and Education Seminar Module A-207, Aviation Dispatcher, and its prerequisite courses.
 - 2001-2005 BLM Aircraft Dispatcher course.
- Successfully completed a pre-course pass/fail test that takes approximately 40 hours to complete. The pre-course test will be available on the NAFRI web site by November 13, 2007.

Success in D-510 will depend on the trainee's ability in leadership and organizational knowledge as contained in the L-380 Fireline Leadership, I-300 Intermediate ICS, D-310 Support Dispatcher courses, and agency-specific supervision courses.

Objectives

Given an incident situation, a briefing from the appropriate agency management entity, incident objectives and a series of inputs from various dispatch functions, the trainee will be able to:

- Develop and manage an effective organization to meet present and future needs of an incident.
- Analyze current and predicted conditions and establish priorities with consultation with the appropriate management entity.

Course Description

D-510, Expanded Dispatch Supervisory Dispatcher (EDSP), is designed to train individuals in the function and responsibilities of an EDSP within an Incident Support Organization. Trainees selected for this course must be capable of performing as an EDSD in all functional areas of an expanded dispatch. The course will provide trainees with a working knowledge of the necessary management skills and operational procedures to successfully perform the job.

The course is intended to be an interactive experience, requiring the trainee to interact with the materials, the faculty, and fellow trainees. The course consists of a 40-hour pre-course test, discussions, exercises and final exam. It is designed to take 32 hours to present.

Each session is limited to 40 trainees.

Important Dates

Nomination Due: November 1, 2007

Pre-Course Test Mailed: November 13, 2007

Pre-Course Test Due: December 21, 2007

Notification of Selection: February 1, 2008

Nomination Process

Please see the [NAFRI nomination process](http://nafri.gov/pages/nominationprocess.htm) available at <http://nafri.gov/pages/nominationprocess.htm>.

Course Coordinator: [Cyndie Hogg](#), (520) 799-8753; fax (520) 799-8785

Course Location: NAFRI, Tucson, Arizona

Tuition: None

D-510 is currently offered every other year on the even years.

Page last updated: April 23, 2007

Course Description - FCAU Fire Chemical Application and Use

February 26 -- March 2, 2007 NOTE: COURSE CANCELLED FOR 2007

Target Group

- Incident Commanders-All
- Fire Staff Officers
- Operations Section Chiefs
- Division Group Supervisors
- Strike Team Leaders/Task Force Leaders
- Air Tactical Group Supervisors
- Air Operations Branch Directors
- Airtanker Coordinators
- Air Support Group Supervisors

Objectives

Upon completion of this course, participants will:

- Identify the key elements that provide the aerial retardant resource to the user including the historical, administrative, a and technical framework.
- Improve application and use of aerial applied retardants and suppressants with the use of state-of-the-art technology.
- Provide decision criteria to better manage aerial firefighting systems on wildland fire.
- Describe the potential environmental and social political impacts with the use of aerial fire chemicals.

Course Description

The course is designed primarily for incident personnel on-the-ground who are making the application decisions and managing the results. The tactical aviation personnel involved in application of retardants and suppressants will also benefit from this course.

Throughout the course, the safe, efficient, and cost-effective use of these products is stressed. Safety factors are discussed throughout, using decision-making on the fireground and systems management as a basis. The course will use lecture, case studies, practitioner panels, exercises, and participant interaction. The course consists of three units covering the historical development of the retardant and suppressant program through the current programs in use, concentrating on the operational application of retardants and suppressants in a variety of wildland fire situations. Environmental effects and considerations are also discussed.

Important Dates

Nominations Due: November 1, 2006

Notification of Selection: November 15, 2006

Nomination Process

Please see the [NAFRI nomination process](http://nafri.gov/pages/nominationprocess.htm) available at <http://nafri.gov/pages/nominationprocess.htm>.

Course Coordinator: Tim Peterson, (520) 799-8757; fax (520) 799-8785

Page last updated: January 30, 2007

Course Description - FML Fire Management Leadership

April 28 -- May 1, 2008

Target Group

This course is directed to Forest Service Forest Supervisor/Deputy Forest Supervisor levels, National Park Service and Bureau of Indian Affairs, Superintendent/Deputy Superintendent levels, Bureau of Land Management Field Officer/District Manager levels, and Fish & Wildlife Service Refuge Management Project Leader level.

Prerequisites

None, however for those individuals with limited fire experience it is recommended to take a local FML course.

Objectives

- Improve Agency Administrator's ability to provide leadership in fire management and other emergency activities to better recognize when they and the public are being well served.
- Participants will gain a common understanding of national policy, agency administrator's responsibility and accountability, and agency administrator authority to improve all fire management actions.
- Balance land management goals and criteria with management feasibility costs and safety.

Course Description

The course is a comprehensive look at the Agency Administrator's leadership role within the Fire Management Program, including the Federal Wildland Fire Management Policy. The complex fire situation is highlighted with the intent to provide a comprehensive understanding of the processes necessary to effectively manage the situation. Included are the Agency Administrator's briefing, Wildland Fire Situation Analysis, and other critical items.

Policy, authority, and responsibility will be clarified, discussed, and reinforced using case examples. Opportunities will be highlighted to provide additional tools for the Agency Administrator to more effectively manage the fire program.

The participant will gain an insight into fire's role in wildland management. Internal and external relations and interagency cooperation opportunities are discussed. Emphasis is placed on an overall understanding of fire management and the Agency Administrator's role in it.

Student Requirements to Receive Credit for the Course

To receive credit for the course, you must attend the entire course. Those arriving late or leaving early will not receive credit for the course. No testing is required.

Important Dates

Nominations Due: November 1, 2007

Notification of Selection: December 14, 2007

Nomination Process

Please see the [NAFRI nomination process](http://nafri.gov/pages/nominationprocess.htm) available at <http://nafri.gov/pages/nominationprocess.htm>.

Course Coordinator: [Tim Peterson](#), (520) 799-8757; fax (520) 799-8785

Course Location: Tucson, Arizona

Page last updated: June 12, 2007

L-480, Incident Management Team (IMT) Leadership
Revised Annually

34 Hrs

Course Description

L-480 will provide future Incident Management Team leaders (Command and General Staff) with the leadership tools to provide strategic direction and influence others to achieve team goals. The course is designed to develop personal leadership skills and command presence in order to increase effectiveness in the dynamic incident management setting.

THIS IS NOT A COURSE PACKAGE AVAILABLE FROM THE NWCG PUBLICATIONS MANAGEMENT SYSTEM.

The National Advanced Fire & Resource Institute (NAFRI) is the custodian for the L-480 course package. However, the delivery process used to meet this training recommendation will need to be determined by the hosting agency.

Specific course information can be obtained from the NAFRI L-480 Course Coordinator at (520) 799-8787.

Objectives

1. Introduction of Team Roles on IMT's (Day 1)
2. Demonstrate Communications Skills for Leaders (Day 2)
3. Understand Command Presence for a Leader (Day 2)
4. Understand Situational Awareness (Day 3)
5. Understand Leadership Skills within a Team Environment (Day 4)
6. Understand Recognition and Reward (Day 5)
7. Learn Mentorship & Evaluation (Day 5)

Target Group

Current Unit Leaders and IC Type 3 personnel who desire to become qualified as Type 2 Command Staff, General Staff, and Incident Commanders.

Minimum Instructor and Coach Qualifications

See the L-480 Instructor Criteria.

http://www.nafri.gov/courses/l480/L480_Documents/L480_Instructor_Criteria.pdf

See the coach section of the Course Delivery Plan.

http://www.nafri.gov/courses/l480/L480_Documents/L480_Delivery_Plan.pdf

Course Prerequisites

Successful completion of L-380, Fireline Leadership or currently qualified as Type 1 or 2 Command and General Staff. Successful completion of the pre-course work.

Course Level

Geographic Area/National

Course Description - L-580 - Advanced Leadership Seminar

In Development

Target Group

Current Type 1 Command and General Staff and Area Command.

Objectives

L-580 will be designed to provide a venue to address a variety of challenges and current issues that IMT's face. The focus will be on the leadership in the context of emergency management situations commonly encountered by personnel in the wildland fire service.

Course Description

This course is currently in development.

Course Coordinator: [Cyndie Hogg](#), NAFRI, (520) 799-8753; fax (520) 799-8785

Page last updated: July 6, 2006

Course Description - M-580 Fire in Ecosystem Management

April 14 - 18, 2008

Target Group

- Agency administrators, particularly without fire management background. Senior Executives, Congressional Staff and Tribal leaders.
- Fire staff, such as prescribed fire specialists, RX Burn Boss, fuel managers, assistant FMO's, wildland fire use managers, with limited natural/cultural resource and/or ecology education/ backgrounds.
- Individuals directly involved with planning, implementation, and monitoring of fire and ecosystem management programs, ie. natural/cultural resource management specialists, endangered species biologists, compliance specialists (NEPA, SHPO), and land and fire management planners, who do not have comprehensive fire management or fire ecology backgrounds.
- Individuals at entry level directly involved with fire management or individuals new to the wildland fire management program who do not have a comprehensive fire management background.

Objectives

- Describe the significance and role of fire in ecosystem management.
- Describe the complexity of integrating fire and fuels treatments into ecosystem management by considering social, political, legal, economic, and environmental factors.
- Identify concepts, techniques, reference resources, and examples for ecosystem management throughout a range of ecosystems.
- Use information presented in this course to communicate and develop understanding and support of fire and ecosystem management programs at the intra- and interagency levels and to collaborate with the public in changing political/social arenas.

Course Description

Through lectures, case studies, and interaction between participants and faculty, the course:

- Explores the role of fire and fire management in ecosystem management.
- Examines social, political, legal, economic, and environmental factors critical to fire and fuels treatment for ecosystem management.
- Presents real-world examples of fire management applications in ecosystem management.
- Provides the participants with the opportunity to obtain tools, ideas, concepts, techniques and methodologies to address fire and ecosystem management issues at their home unit.

Case studies from North America are presented to expose participants to a variety of ongoing programs attempting to integrate the historical, ecological and socioeconomic aspects of fire management into ecosystem management.

Nationally recognized subject matter experts and practitioners serve as instructors in this course.

The course does not provide a "cookbook" for ecosystem management, rather this course provides concepts, and ecological - social considerations to assist the student with developing specific fire management programs. Local fire effects information and monitoring details are provided in other courses.

Important Dates

Nomination Due to NAFRI from Agencies and GACC's: November 1, 2007

Notification of Selection: December 10, 2007

Nomination Process

Please see the [NAFRI nomination process](http://nafri.gov/pages/nominationprocess.htm) available at <http://nafri.gov/pages/nominationprocess.htm>.

Course Coordinator: [Deborah Corner](#) (520) 799-8752; fax (520) 799-8785

Page last updated: June 11, 2007

Course Description - M-581 Fire Program Management

Target Audience

Current or future Fire Program Managers who have direct responsibility to plan, organize, budget, manage and evaluate Fire Management Programs.

Course Objectives

Upon successfully completing M-581, Fire Program Management, the student will be able to identify the principles, policies and procedures to effectively and safely lead, plan, and implement a Fire Management Program

Course Description

This course is designed to meet the needs of current and future mid-level Fire Program Managers. It is intended to aid in the application of fire management principles in sound decision making, use of state-of-the-art tools and methods in fire management programs, and recognition of the necessity for personal accountability required in fire program management.

Important Dates

Course dates and nomination due dates are dependent on when and where the course is being held. Please refer to the National Fire Training Schedule at: <http://nationalfiretraining.net/schedule>.

Nomination Process

Please submit nominations through your respective Geographic Area Training Coordinators.

Course Coordinator: [Tim Peterson](#) (520) 799-8757; fax (520) 799-8785

Page last updated: August 20, 2007

Course Description - NAFA - National Aerial Firefighting Academy

January 15 -- 18, 2008

Target Group

Aviation flight crews in wildland firefighting at National, Regional, and Field levels who are involved in fire suppression operations using large retardant aircraft. This includes contractor personnel who have responsibilities as firefighter pilots. Contractor management personnel will be considered on a space available basis. Agency individuals may include Leadplane Pilots and Air Tactical Group Supervisors.

Objectives

1. Enhance aviation safety by integrating tactics, operations, and experience into aerial firefighting training. To educate both Agency and contract personnel using expertise from both sectors.
2. Describe the Incident Command System Aviation Organization.
3. Identify the concepts of common fire terminology and the reasons for its use in the aviation community.
4. Comprehend the application of Risk Management in the use of aviation resources.
5. Identify Crew Resource Management principles during the fire simulation exercise.
6. Describe the National Dispatch Policy regarding Airtankers and Regional resources.
7. Define the tactics and coverage levels of retardant application.
8. Identify the low-level flight environment (including aircraft join-ups) involved in aerial firefighting.
9. Identify an increased awareness of the Human Factors involved in Aerial Firefighting.
10. Review Fire Behavior
11. Recognize opportunities and impediments involving mixed types of aircraft.

Course Description

The National Aerial Firefighting Academy (NAFA) is a training effort by and for personnel directly involved in aerial retardant delivery. Class size will be limited to a maximum of 55 persons. Composition desired is a maximum of: 18 Air Tactical Group Supervisors (ATGS); 8 Leadplane Pilots; 18 Multi-Engine Airtanker Pilots; 5 Single Engine Airtanker Pilots (SEATS); 6 Type I Helicopter Pilots. (For airtanker and helicopter contractors, Federally contracted pilots will have priority.)

Important Dates

Nominations Due: November 1, 2007

Notification of Selection: December 14, 2007

Nomination Process

Please ensure nominees identify the position they hold (qualified or trainee) that meets the target group requirements.

Please see the [NAFRI nomination process](http://nafri.gov/pages/nominationprocess.htm) available at <http://nafri.gov/pages/nominationprocess.htm>.

Course Coordinator: Tim Peterson, (520) 799-8757; fax (520) 799-8785

Page last updated: June 12, 2007

Course Description - NFDRS Advanced National Fire Danger Rating System

February 19 - 29, 2008

Target Group

The target audience includes individuals:

- Responsible for resource analysis, decision support and decision making based on outputs from National Fire Danger Rating System (NFDRS) at the local/state/national level and corresponding positions;
- Responsible for Intelligence, Predictive Services, and/or Fire Weather Forecasting;
- Responsible for providing technical support and oversight for NFDRS;
- Who will become geographic area NFDRS instructors;
- With a passion to become the next generation to carry NFDRS forward.

Why Take This Course?

- Compliance with Agency policies for Fire Danger Rating support products, such as Fire Danger Rating Operating Plans
- Items outlined in the 30 Mile Fire Action Abatement Plan.
- Expands and builds on the technical skills provided in S-491, Intermediate NFDRS.
- Hands on development of a Fire Danger Rating Operating Plan
- Understanding the roles of NFDRS outputs, climatology, and fire business thresholds in the decision making process
- Analysis necessary for the preparation of PocketCards

Prerequisites

Have successfully completed S-491 or equivalent. Completes pre-course work and pre-course test. Pre-course work will be posted on the NAFRI web site on November 12, 2007. It will take approximately 4 hours to complete.

Vision Statement

The National Fire Danger Rating System (NFDRS) is a trusted decision tool for fire and resource managers. The NFDRS is based upon the integration of the latest fire and atmospheric sciences, climatology, remote sensing, and GIS technology. It is supported by processors and data management systems which are robust and flexible enough to remain state of the art. The NFDRS is easy to use - requiring limited human intervention, minimal in cost, and can be applied through space (locally, regionally, nationally) and time (today, tomorrow, seasonally) across the United States. System access is

web-based and outputs are displayed with tabular, graphical, and GIS formats. Fire danger is a description of factors - fuels, weather, topography - which affect the initiation, spread, and difficulty of control of wildfires on an area.

Course Goal

The goal of this training course is to promote better decision-making and planning using the National Fire Danger Rating System. Promote the development and implementation of fire danger rating operating plans at the local level. One of the expected results of this effort will be a pool of technical experts and a cadre for the next generation Fire Danger Rating.

Course Objectives

- Review NFDRS design and its relationship to other fire management systems and processes.
- Through the development of an operating plan, demonstrate a working knowledge of the process required to design, setup, and manage a fire danger rating system.
- Relate NFDRS outputs to some measure of fire business and develop skills to adapt NFDRS analysis to the local unit.
- Demonstrate how fire danger rating supports geographic area and national decision-making.
- Design and validate a decision model for short and long-term operations involving NFDRS, fire danger climatology and fire management planning systems.
- Introduce new NFDRS related technology as it becomes available.
- Demonstrate techniques to analyze outputs of NFDRS programs to identify errors, and troubleshoot system problems.
- Provide background information from which participants can support geographic area NFDRS training.

Course Description

491 is an intermediate level technical exposure to the National Fire Danger Rating System. Essentially you have learned to drive. Advanced NFDRS is the next level of analytical instruction that focuses on the role of fire danger rating in resource decision making, through development of a fire danger rating operating plan. Participants will be provided the skills to analyze and troubleshoot fire danger rating from the fire weather station scale to multiple fire danger rating areas. Essentially you will learn to fly. The course will provide individuals the technical skills to serve as instructors for geographic area level courses for all wildland fire agencies using NFDRS. Advanced NFDRS is a national level course. As such, participants can expect long days, evening and weekend work. In order to receive credit for course, participants must stay through entire course. Students will need to complete pre-course work and a pre-course test consisting of approximately 4 hours.

Course is limited to 30 participants.

Computer Requirements

Due to the various agency, business, and personal laptops, and the time required to bring these units up to the course required software standards, no agency, business, or personal laptops will be used for the NFDRS course.

NAFRI will provide laptops with all the necessary software for participant use during the Advanced NFDRS course.

You may bring your own laptop for agency, business, or personal use while away from your home unit, but NAFRI will not be providing any system support for them.

The laptops provided by NAFRI will be for course work only and there will be a requirement that all provided laptops stay within the NAFRI training facilities during the course.

Important Dates

Nominations Due: November 1, 2007

Pre-Course Test Due: December 14, 2007

Notification of Selection: December 19, 2007

Nomination Process

Please see the [NAFRI nomination process](http://nafri.gov/pages/nominationprocess.htm) available at <http://nafri.gov/pages/nominationprocess.htm>.

Course Coordinator: Tim Peterson, (520) 799-8757; fax (520) 799-8785

Tuition: None

Page last updated: June 12, 2007

Course Description - Rx510 Applied Fire Effects

March 3-7, 2008

Target Group

This course would be useful for natural resource managers involved in planning and implementing the use of wildland fire from the project level to the landscape scale. This course will support the knowledge and skills needed for Prescribed Fire Burn Boss Type 1 (RXB1), Prescribed Fire Manager Type 1 (RXM1), and Fire Use Manager Type 1 (FUM1).

Prerequisites

- Rx310 Introduction to Fire Effects or equivalent.
- S-390 Introduction to Wildland Fire Behavior Calculations.
- Successfully complete pre-course reading and develop a brief project for presentation in the peer learning groups. The pre-course reading and project directions will be available on the NAFRI web site no later than December 14, 2007. Total of 8-12 hours preparation work will be required.

Course Goal

To demonstrate the application of science-base fire effects knowledge in the planning, implementation, and evaluation in the use of wildland fire.

Course Objectives

Upon completion of this course, the participant will be able to:

1. Translate broad ecological information into goals and objectives for the use of wildland fire.
2. Incorporate short-term and long-term fire effects information into planning and implementation for the use of wildland fire.
3. Provide examples and discuss methods for monitoring and evaluating prescribed fire effects.
4. Apply the adaptive management process to refine a program for the use of wildland fire.

Course Description

Rx510 is a science-based course designed to support the integration of fire effects knowledge into the program for use of wildland fire. The course emphasizes the importance of fire effects in the design, implementation and monitoring of fire treatments over multiple spatial and temporal scales. This course recognizes that planning and implementing the use of fire are interdependent activities, and provides opportunities for the burn boss and planner to work together.

The course is an intensive session that provides college-level lectures, case studies, discussion groups, and testing procedures throughout the week. Instructors include professors, agency resource specialists and fire practitioners. Participants will have opportunities to interact with the faculty.

Participant performance will be evaluated on a pass-fail basis with three quizzes and a final exam given throughout the week. To successfully complete Rx510, an overall score of 70% on the quizzes and final exam is required. Attendance for the entire week is also required to receive course credit.

Rx510 is a national level training course and as such participants can expect long days.

Class size is limited to 84 participants.

Important Dates

Nomination Due: November 1, 2007

Pre-course Reading Available: December, 14, 2007

Notification of Selection: December 14, 2007

Nomination Process

Please see the [NAFRI nomination process](http://nafri.gov/pages/nominationprocess.htm) available at <http://nafri.gov/pages/nominationprocess.htm>.

Course Coordinator: [Cyndie Hogg](#) (520) 799-8753; fax (520) 799-8785

Course Location: NAFRI, Tucson, Arizona

Tuition: None

Rx510 is currently offered every year.

Page last updated: May 17, 2007

Course Description - S-520 Advanced Incident Management

January 23 -- February 1, 2008

Target Group

Any person available to fill a national level interagency Type I Incident Management Team position as an Incident Commander, Planning Section Chief, Operations Section Chief, Logistics Section Chief, Finance Section Chief, Safety Officer, or Information Officer, or any person to become certified in one of these positions at the Type I complexity level.

Prerequisites

Individuals must be functionally certified and qualified at the Type II level for the position they will be filling at the course. Nominations must be submitted with a current fire qualifications record and with a narrative statement giving a brief background of the person nominated. Include a description of the intended use of the skills developed as a result of attending S-520. Previous attendance at S-420 is recommended.

Objectives

Given a simulated complex fire situation, students will effectively perform functional and team responsibilities. Individual performance must meet established criteria for successful completion of the course.

Course Description

Using classroom lecture and simulated incidents the student will understand the role and function of a Type I Incident Management Team, the applicability of management principles to the incident management job, and the special considerations of incident management within geographic areas of the nation.

Early Nomination Rationale

Early nomination has been requested to give those nominated the necessary mentoring and prework assignments for the course. Prework assignments to begin in June, 2007.

Important Dates

Notification of Pre-Selection: June 8, 2007

Final Notification of Selection: December 1, 2007

Nomination Process

Submit all nominations to the Geographic Area Coordination Groups who will make priority assignments on an interagency basis, and they will send the nominations to NAFRI for selection and notification.

Course Coordinator: [Deborah Corner](#), (520) 799-8752; fax (520) 799-8785

Page last updated: June 11, 2007

Course Description - S-580 - Advanced Fire Use Applications

April 21-25, 2008

Target Group

Fire Use Managers, agency administrators, Type II Incident Commanders, fire use management team members, and wilderness, fire, resource, and other staff with direct fire planning and implementation responsibilities.

Nominations will be screened on the basis of these criteria, by the course coordinator and steering committee chairperson.

Suggested Training

RX-310, Introduction to Fire Effects, and M-580, Fire in Ecosystem Management.

Objectives

1. Participants will know the underlying philosophy, goals and requirements to successfully implement fire use activities in support of resource and wilderness management goals.
2. Participants will understand the process and need to complete wildland fire use implementation planning documents.

Course Description

The Advanced Fire Use Applications course is designed to provide participants with an understanding of the implementation process for appropriate management response to accomplish resource benefits over a wide range of management situations.

This course focuses on planning and implementation activities consistent with the Federal Wildland Fire Management Policy. Course information provides an understanding of wildland fire use planning processes, which are reinforced through exercises. Advanced fire use examples and case studies are drawn from experiences in the wildland fire environment and showcase examples of wildland fire activities including wildland fire use, prescribed fire, and confinement strategies.

Important Dates

Nomination Due from Geo Areas and FWS/NPS Nat'l Training Officers: November 12, 2007

Notification of Selection: December 10, 2007

Nomination Process

Please see the [NAFRI nomination process](http://nafri.gov/pages/nominationprocess.htm) available at <http://nafri.gov/pages/nominationprocess.htm>.

Course Coordinator: [Deborah Corner](#) (520) 799-8752; fax (520) 799-8785

Page last updated: June 11, 2007

Course Description - S-590 Advanced Fire Behavior Interpretation

March 9 - 21, 2008

For the 2008 S-590 course, nominations are requested November 1, 2006. All Nominees will be asked to participate in a mentoring program which will include assignment with qualified FBAN's and LTAN's.



For more information, go to ["nominations received"](#), or view the S-590 mentor process video.

Target Group

Individuals to be trained as a Fire Behavior Analyst (FBAN) and Long Term Fire Analyst (LTAN) in wildland fire suppression and fire use organizations. **Nominees must identify which position they are targeting on their nomination form.**

Prerequisites

The prerequisites listed below are consistent with the direction from the April 2006 Wildland Fire Qualification System Guide, PMS 310-1.

All applicants must have completed S-490 Advanced Wildland Fire Behavior Calculations, and demonstrate proficiency in the use of [BehavePlus](#) and Windows operating system.

Those students seeking qualification as a Fire Behavior Analyst must be qualified as Division/ Group Supervisor (DIVS) under the Incident Command System.

Those students seeking qualification as a Long Term Fire Analyst must be qualified as a Fire Effects Monitor and a Firing Boss, Single Resource, under the Incident Command System. In addition, they must have completed S-492, Long Term Fire Risk Assessment and S-493, FARSITE: Fire Growth Simulation.

All nominees will need to pass a pre-course test and complete additional pre-course work. It is estimated the pre-course work will take approximately 30 hours.

Those applying for FBAN position will be evaluated in the areas of short-term fire behavior prediction, assessing the likelihood of success for strategies and specific tactical operations, and the identification and mitigation of fire behavior related firefighter safety concerns.

Nominees for LTAN position will be evaluated in the areas of short-term fire behavior prediction, and an understanding of long-term risk assessments, fire area growth simulation and NFDRS.

Success in S-590 will depend on the student's ability in communication skills, both written and oral.

Additional skills could be obtained by attending the Facilitative Instructor course, M-410 or other public speaking and technical writing courses.

Objectives

- Describe the FBAN/LTAN responsibilities and interactions with managers, management teams, meteorologists, and others.
- Demonstrate skills in analyzing, interpreting, displaying, and communicating fire behavior information.
- Apply fire behavior predictive information in support of all types of wildland fire planning and operations.
- Demonstrate the ability to effectively communicate orally and in writing appropriate wildland and prescribed fire behavior predictive information.
- Understand the purpose of and prepare a complete fire behavior documentation package.

Course Description

Through the use of lecture, demonstrations and exercises the student will learn the job of the FBAN/LTAN. Units covered will include:

S-590 Fire Behavior Interpretation		Knowledge, Skills, & Abilities	
Unit	Unit Description	Gained at Course	Brought to Course
Archival	Fire Behavior Documentation Package, Legal considerations	Organizational, Communication	Computer Skills
Application	Safety, Briefings, Forecasts, Decision Support, Strategic Plan Development, Firing Operations, Advanced Applications, reinforced with exercises	Organizational, Communication, & Computer Skills	Intuitive, Operational Skills, & Computer Skills
Analysis	Skills learned in prerequisite courses, develop support for decision making, and demonstrate in exercises	Organizational, Communication, & Computer Skills	Analytical Skills & Computer Skills
Acquisition	Skills learned in prerequisite courses, reinforced with obtaining fire environment and fire behavior information, and internet use.	Organizational, Communication, & Computer Skills	Computer Skills

Course size limited to 40 students.

Computer Requirements

All participants attending S-590 will need to provide their own laptop and portable printer with the appropriate printer driver installed. Participants need to install the latest version of the following software prior to the start of the course. The software needs to be tested in a standalone environment (not connected to their network). Participants need to test their portable printer by printing one page from BehavePlus again in a standalone environment. During S-590, participants will not need to access the NAFRI network or the internet.

Experience has taught us that higher processor speed, RAM and disk space allows the participant to keep up, avoid frustration, and pay attention to course exercise, instead of fumbling with a laptop that just will not suffice. We suggest the participant review the NAFRI [computer standards](#) with their IT staff.

Software to be installed prior to attending S-590: (Current as of 6/1/2007)

BehavePlus Version 3.0.2

FARSITE Version 4.1.054

RERAP Version 7.02

Important Dates

Nomination Due: November 1, 2006

Pre-course Test Mailed: November 9, 2007

Pre-course Test Due: December 19, 2007

Notification of Selection: January 28, 2008

Nomination Process

Please see the [NAFRI nomination process](http://nafri.gov/pages/nominationprocess.htm) available at <http://nafri.gov/pages/nominationprocess.htm>.

Course Coordinator: [Cyndie Hogg](#) (520) 799-8753; fax (520) 799-8785

Course Location: NAFRI, Tucson, Arizona

Tuition: None

S-590 is currently offered every other year on even-numbered years.

Page last updated: June 15, 2007

Course Description - S-620 Area Command

2009

Target Group

Those persons in wildland fire agencies who will be available to participate on a national interagency Area Command team as an Area Commander, Assistant Area Commander Logistics, Assistant Area Commander Planning or Area Command Aviation Coordinator.

Prerequisites

Individuals must be qualified at the Type 1 level and have successfully completed S-520, except for the Area Command Aviation Coordinator who must complete the Position Task Book prior to attending. Nominations must be submitted with a narrative statement giving a background of the person nominated. Include a description of the intended use of the skills developed as a result of attendance at S-620.

Objectives

Given a simulated multi-incident fire situation, students will effectively perform functional and team responsibilities. Individual performance must meet established criteria for successful completion of the course.

Course Description

Using classroom lecture and simulated incident, the student will understand principles and concepts of Area Command, and understand the interaction of Area Command and other incident organizations, agencies, and political entities.

Important Dates

Notification of Pre-Selection: June, 2008

Final Notification of Selection: December, 2008

Nomination Process

Submit all nominations to the Geographic Area Coordination Groups who will make priority assignments on an interagency basis, and they will send the nominations to NARTC for selection and notification.

Course Coordinator: [Deborah Corner](#), (520) 799-8752; fax (520) 799-8785

Page last updated: June 11, 2007