



National Advanced Fire & Resource Institute
Managed By The U.S. Forest Service

3265 East Universal Way, Tucson, Arizona 85756
Phone 520-799-8787 • Fax 520-799-8785 • www.nafri.gov

File Code: 5100

Date: February 22, 2010

Subject: S-482 Advanced Fire Management Applications (formally known as S-580
Advanced Wildland Fire Applications)
March 23 – 26, 2010

To: S-482 Course Participant

Congratulations on your selection to attend the S-482 Advanced Fire Management Applications course to be held at the National Advanced Fire and Resource Institute (NAFRI). The course dates are March 23 – 26, 2010. Please note the course starts Tuesday morning at 0800. Enclosed you will find; the course and unit objectives, faculty assignments, course schedule.

Course Information:

S-482 begins Tuesday, March 23 at 0800 in the Sonoran Auditorium. The course ends at 1100 on Friday, March 26. Do not make flight reservation that will interfere with the course times.

S-482 is a Geographic Area level training course. Expect long days. You will be expected to attend the entire course for a completion certificate.

You will be provided a course binder, and various handouts. At the end of the course each participant will receive a CD with all lesson plans, most PowerPoint's, and various handouts.

Cancellation Policy:

If for any reason you are unable to attend the course, please let us know. Do not replace yourself.

Logistics:

Course Facility

Our facility is close to the Tucson International Airport. You can find a map of the area at www.nafri.gov.

Place: NAFRI

Main Phone: (520) 799-8787

Address: 3265 E. Universal Way, Tucson, AZ 85756

Fax: (520) 799-8785

Travel Arrangements

The course begins on Tuesday morning, March 23rd at 0800. Travel should be scheduled for Monday, March 22, 2010. The course ends Friday, March 26th at 1100. When making your return flight arrangements, allow at least 15 minutes from NAFRI to the Tucson International Airport by car.

Lodging

For a listing of hotels near NAFRI, go to the main NAFRI website (<http://www.nafri.gov>). Please mention you are with NAFRI.

The hotels and inns located in this area provide a wide variety of amenities suitable for all visitors. The hotels and NAFRI are within one mile of the Tucson airport. Most of the hotels also provide free continental breakfast. Other amenities may be provided based on the individual hotel properties. Be sure to confirm with the hotel when setting up your reservation.

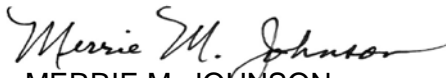
Transportation

If you are not renting a car, NAFRI will be providing a van shuttle service to and from the hotels as needed for the course, once in the morning and again after class in the evening. Please call the NAFRI main number (520-799-8787) to make arrangements or go online <http://www.nafri.gov> to sign up for a ride.

Restaurants

There are a variety of lunch options within walking distance of NAFRI.

Please contact Gladys Ross, S-482 Course Coordinator, at 520-799-8753 or by email gmross@fs.fed.us with any questions or concerns about the S-482 Course.



MERRIE M. JOHNSON

Director

NWCG CURRICULUM MANAGEMENT ISSUE PAPER #107
ASSIGNMENT OF COURSE NAME AND NUMBER FOR
S-580 REPLACEMENT COURSE
January 14, 2010

BACKGROUND

The Operations and Workforce Development Committee (OWDC) reviewed the S-580 Transition Plan and supports the recommendation to move the delivery of the course from a national to a geographic level beginning in 2011 as referenced in the December 13, 2009 memo from OWDC to the S-580, Advanced Wildland Fire Applications Steering Committee.

The Steering Committee was directed to coordinate with the NWCG Development Unit and the Evaluation Unit to determine the new course name and number.

CURRENT STATUS

The course will be delivered in an alpha state in February 2010. The Steering Committee would like to solidify a new name and number so students taking the course can be given credit for the new course. The Steering Committee feels that a new name would better reflect the content of the course.

RECOMMENDATION

It is the recommendation of the Fire Use Sub-committee and the S-580 Steering Committee that the name of the course be revised to **Advanced Fire Management** Applications; the NWCG Development and Evaluation Units would like to assign **S-482** as the course number

APPROVED / **DENIED**
(circle one)

SIGNATURE

Rosemary Thomas

02/01/10

OWDC Chair

Date

cc: IQCS Program Lead
Fire Environment Committee Chair
Fire Use Sub-committee Co-Chairs

S-482 ADVANCED FIRE MANAGEMENT APPLICATIONS
March 23 – 26, 2010
Tucson, Arizona

FACULTY ASSIGNMENTS

UNIT I – COURSE INTRODUCTION

UNIT LEADER: JOHN SEGAR

- A. Wildland Fire in the Real World: A Professional Perspective & Expectation Dick Markley
- B. Managing Multiple Objectives – Protection vs. Benefit TBD

UNIT II – POLICY AND PROGRAMMATIC DIRECTION

UNIT LEADER: JOHN SEGAR

- A. Policy Update Dick Bahr
- B. Programmatic Planning Considerations Dave Campbell

UNIT IIIa – RISK INFORMED DECISION MAKING PROCESS

UNIT LEADER: JOHN SEGAR

- A. Information Gathering
 - Cultural Resources and Tribal Resource concerns Bill Gillespie
 - Smoke Management Ron Sherron
 - T & E Species Brenda Smith
 - Wilderness vs. Non-Wilderness Kendall Clark
 - Weather, Climate and Fuels Marlana Hovorka
 - Geography and Land Ownership Marlana Hovorka
 - Impacted and Interested Communities Heidi Schewel

UNIT IIIb – RISK INFORMED DECISION MAKING PROCESS

UNIT LEADER: EMILY IRWIN

- A. Decision Analysis Tools Joe Scott
 - B. Risk Assessment Joe Scott/Marlana Hovorka
 - C. Analysis TBD
 - D. Developing a Course of Action Ashley Sites/Chris Marks
 - E. Analysis of Results and Validation Dave Bartlett
 - F. Application/Decision Jacque Buchanan
 - G. Evaluation Dave Bartlett
- Exercise Briefing Mary Taber

UNIT IV – OPERATIONAL APPLICATION

UNIT LEADER: MARY TABER

A. Building an IAP

Mark Petroni

B. Operational Risk Assessment – Safety Message

Andy Mitchell

C. Exercise

Byron Bonney/Gary Phillips/Marlana Hovorka

UNIT V – EVALUATION AND CLOSEOUT

UNIT LEADER: DICK BAHR

Exam

Cadre

Professional, Personal Perspective

Dick Bahr

COURSE CLOSEOUT – EVALUATIONS

Dick Bahr

NATIONAL ADVANCED FIRE & RESOURCE INSTITUTE

S-482 ADVANCED FIRE MANAGEMENT APPLICATIONS

Tuesday – March 23

0800 – 0830 - Course Opening – Welcome, Introductions Dick Bahr

UNIT I – COURSE INTRODUCTION Unit Leader: John Segar

0830 – 0920 - A. Wildland Fire in the Real World:
A Professional Perspective & Expectation Dick Markley

0930 – 1020 - B. Managing Complex Fires – Balancing Protection Objectives and
Resource Objectives to Achieve Land Management Goals TBD

- Multiple strategies
- Remote Areas
- Special Management Areas
- Cross-boundary coordination

UNIT II – POLICY AND PROGRAMMATIC DIRECTION
Unit Leader: John Segar

1030 – 1130 - A. Policy Update Dick Bahr

1130 – 1230 - LUNCH

1230 – 1350 - B. Programmatic Planning Considerations Dave Campbell

UNIT IIIa – RISK INFORMED DECISION MAKING PROCESS
Unit Leader: John Segar

1400 – 1700 - A. Information Gathering

Cultural Resources and Tribal Resource concerns	Bill Gillespie
Smoke Management	Ron Sherron
T & E Species	Brenda Smith
Wilderness vs. Non-Wilderness	Kendall Clark
Weather, climate and fuels	Marlena Hovorka
Geography and Land Ownership	Marlena Hovorka
Impacted and Interested Communities	Heidi Schewel

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Wednesday – March 24

UNIT IIIb – RISK INFORMED DECISION MAKING PROCESS

Unit Leader: Emily Irwin

0800 – 0900	-	A. Decision Analysis Tools	Joe Scott
0910 – 1010	-	B. Risk Assessment	Joe Scott/Marlana Hovorka
1020 – 1130	-	C. Analysis	TBD
1130 – 1230	-	LUNCH	
1230 – 1405	-	D. Developing a Course of Action	Ashley Sites/ Chris Marks
1415 – 1505	-	E. Analysis of Results and Validation	Dave Bartlett
1515 – 1550	-	F. Application/Decision	Jacque Buchanan
1600 – 1650	-	G. Evaluation	Dave Bartlett
1650 – 1700	-	EXERCISE BRIEFING	Mary Taber

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S-482 ADVANCED FIRE MANAGEMENT APPLICATIONS

Thursday – March 25

UNIT IV – OPERATIONAL APPLICATION

Unit Leader: Mary Taber

0800 – 0850 - A. Building an IAP Mark Petroni

0900 – 0950 - B. Operational Risk Assessment – Safety Message Andy Mitchell

1000 – 1200 - C. EXERCISE Byron Bonney/Gary Phillips/Marlana Hovorka

1200 – 1300 - LUNCH (Cadre)

1300 – 1600 - C. EXERCISE Byron Bonney Gary Phillips/Marlana Hovorka

Coaches:

1. Wayne Cook
2. Mark Petroni
3. Diane Hutton
4. Andy Mitchell
5. Ashley Sites
6. Dave Bartlett
7. Chris Marks
8. Brett Fay
9. Cyndi Sidles
10. Chip Collins

1500 - 1630 - Presentations/WFDSS Entry Byron Bonney/Gary Phillips/Marlana Hovorka

1600 – 1700 - Debrief Exercise/School Solution/Discussion Byron Bonney/Gary Phillips

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S-482 ADVANCED FIRE MANAGEMENT APPLICATIONS

Friday – March 26

UNIT V – EVALUATION AND CLOSEOUT

Unit Leader: Dick Bahr

0800 – 0900 - Exam Cadre

0900 - Grade exam

0900 – 1000 - Professional, Personal Perspective Dick Bahr

1010 – 1100 - Course Closeout – Evaluations Dick Bahr