

Program of Instruction

Course Syllabus

Course Title: RX-341 Prescribed Fire Plan Preparation

Course Duration: 32 hours

Program: Wildland Firefighting

Course Prerequisites

Introduction to Wildland Fire Behavior Calculations, S-390.
Proficient in the use of BehavePlus.
Satisfactory completion of pre-course work.

Course Description

The purpose of RX-341, Prescribed Fire Plan Preparation, is to provide students with the skills/knowledge to prepare a prescribed fire plan for technical review and approval in accordance with the Interagency Prescribed Fire Planning and Implementation Procedures Reference Guide.

Course Requirements and/or Recommendations

Summary of Directions

Pre-Course Work: The pre-course materials are located in Appendix C and online at <http://training.nwcg.gov/pre-courses.html>.

Course Work: A quiz is given at the end of each day of instruction and will account for 40% of students' final grade.

Post-Course Work: The final project counts as 60% of students' cumulative score.

Reference List:

- Interagency Prescribed Fire Planning and Implementation Procedures and Reference Guide

<http://training.nwcg.gov/pre-courses.html>

- Fireline Handbook (PMS 410-1)

<http://www.nwcg.gov/pms/pubs/large.html>

- Fireline Handbook - Appendix B (PMS 410-2)

<http://www.nwcg.gov/pms/pubs/large.html>

- Incident Response Pocket Guide (PMS 461)

<http://www.nwcg.gov/pms/pubs/pubs.htm>

- Laptop computer with BehavePlus (download BehavePlus at:

<http://www.fire.org/index.php?option=content&task=category§ionid=2&id=7&Itemid=26>)

Course Policies:

Attendance Policy: IFSI requires students to attend (100%) or make up all course content that leads to certification. Students are expected to attend on time and to remain in class for the duration of the course. Students **MUST COMPLETE** all portions of a certification course, both classroom and practical, to be eligible to receive their certification.

If a student misses any portion of class with an accumulated absence of 20% or less of scheduled class time, it will be the student's responsibility to arrange the make-up of the missed course content with the instructor(s) or program manager. The student must make up the specific course content that s/he missed, not just the hours. Make-ups are limited to 20% of scheduled class time. Make-ups must be documented on the class roster. If a student's absence is greater than 20% refer to "True Emergences" section of the IFSI Examination Policy.

Safety Policy: Students shall understand and follow all instructions pertaining to operational safety, as stated by instructors or as written in course materials. Instructors and students shall be mindful of safety at all times. Conduct judged to be unsafe shall be grounds for dismissal from the course.

Academic Integrity Policy: IFSI has the responsibility for maintaining academic integrity so as to protect the quality of the education provided through its courses, and to protect those who depend upon our integrity. It is the responsibility of the student to refrain from infractions of academic integrity, from conduct that may lead to suspicion of such infractions, and from conduct that aids others in such infractions. Any violation of the code of conduct is grounds for immediate dismissal from the course.

Grading Policy: Decisions regarding certificates of course completion shall be made solely by the lead instructor of the course. All grading of exams shall be conducted by the Curriculum/Testing Office. All grading of practical exercises shall be based upon the standards set by the regulatory agency referenced in the course material and IFSI.

American Disabilities Act: As guaranteed in the Vocational Rehabilitation Act and in the American Disabilities Act, if any student needs special accommodations they are to notify their instructor and provide documentation as soon as possible so arrangements can be made to provide for the student's needs. If arrangements cannot be made at the class site, the student will test at an alternative time and place where the special accommodations can be made.

Evaluation Strategy: *Example:* Students will be evaluated with an end of course exam, and performance evaluation checklist.

Course Content:

Unit 0: Introduction

Unit 1: Policies and Guidelines

Unit 2: Goals and Objectives

Unit 3: Description of the Prescribed Fire Area

Unit 4: Complexity Analysis and Risk Assessment

Unit 5: Prescription Development and Scheduling

Unit 6: Smoke Management and Air Quality

Unit 7A: Pre-burn Considerations and Briefing

Unit 7B: Organization and Equipment

Unit 7C: Test Fire & Ignition Plan

Unit 7D: Holding Plan

Unit 7E: Contingency Plan & Wildfire Conversion

Unit 7F: Communication

Unit 7G: Public & Personnel Safety

Unit 8: Monitoring

Unit 9: Funding, Post-Burn Activities and Appendices

Unit 10: Final Complexity Analysis

Unit 11: Reviews, Approvals and Signature Page

Course Schedule

DAY ONE

<u>Event</u>	<u>Duration</u>
Unit 0: Introduction	1 hour
Unit 1: Policies and Guidelines	1 hour
Unit 2: Goals and Objectives	1 hour
<i>Lesson: 40 minutes</i>	
<i>Exercise: 20 minutes</i>	
Lunch	
Unit 3: Description of the Prescribed Fire Area.....	1 hour
Unit 4: Complexity Analysis and Risk Assessment	2 hours
<i>Lesson: 1 hour 30 minutes</i>	
<i>Exercise: 30 minutes</i>	
Day 1 Quiz	30 minutes
Student work time	1 hour 30 minutes

DAY TWO

<u>Event</u>	<u>Duration</u>
Day 1 Quiz Review	30 minutes
Unit 5: Prescription Development and Scheduling	2 hours 30 minutes
<i>Lesson: 1 hour 35 minutes</i>	
<i>Exercise (Red Bull Prescription): 30 minutes</i>	
<i>Exercise (Prescription Development): 25 minutes</i>	
Unit 6: Smoke Management and Air Quality	1 hour
Lunch	
Unit 7A: Pre-burn Considerations and Briefing	30 minutes
Unit 7B: Organization and Equipment	30 minutes
Unit 7C: Organization and Equipment	1 hour
<i>Lesson: 45 minutes</i>	
<i>Exercise: 15 minutes</i>	
Day 2 Quiz	30 minutes
Student work time	1 hour 30 minutes

DAY THREE

<u>Event</u>	<u>Duration</u>
Day 2 Quiz Review	30 minutes
Unit 7D: Holding Plan	1 hour 30 minutes
Unit 7E: Contingency Plan and Wildfire Conversion	2 hours
<i>Lesson: 1 hour 45 minutes</i>	
<i>Exercise: 15 minutes</i>	

Lunch

Unit 7F: Communication	15 minutes
Unit 7G: Public and Personnel Safety	15 minutes
Unit 8: Monitoring	1 hour
Unit 9: Funding, Post-Burn Activities and Appendices	30 minutes
Day 3 Quiz	30 minutes
Student work time	1 hour 30 minutes

DAY FOUR

<u>Event</u>	<u>Duration</u>
Day 3 Quiz Review	30 minutes
Unit 10: Final Complexity Analysis	1 hour 30 minutes
<i>Lesson: 30 minutes</i>	
<i>Exercise: 1 hour</i>	
Unit 11: Reviews, Approvals and Signature Page	1 hour
Day 4 Quiz	30 minutes
Day 4 Quiz Review	30 minutes

Lunch

Student work time	4 hours 30 minutes
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