



S-231: Engine Boss (Single Resource) (2012)

Course Plan

Course Details

Description:	This is a skill course designed to produce student proficiency in the performance of the duties associated with Engine Boss, Single Resource (ENGB). Topics include engine and crew capabilities and limitations, information sources, fire size up considerations, tactics, and wildland/urban interface.
Designed For:	Personnel desiring to be qualified as Engine Boss, single resource (ENGB).
Authority:	National Wildfire Coordinating Group (NWCG)
Prerequisites:	Completed SFT Firefighter 2 training; and successful completion of S-230, Crew Boss (Single Resource).
Standard:	N/A
Hours:	12-16 hours
Maximum Class Size:	30
Instructor Level:	Primary instructor
Instructor/Student Ratio:	1 primary instructor per 10 students (skills)
Restrictions:	Limited to Instructor-Led Delivery only.
SFT Designation:	FSTEP

Required Resources

Online Instructor Resources

The following instructor resources are available online at <https://www.nwcg.gov/publications/training-courses/s-231>

- Instructor-led delivery course materials
- Instructor Guide
- Student Workbook

Student Resources

To participate in this course, students need:

- Student Workbook (Instructor-Led) OR Student Workbook (Blended)
- Incident Response Pocket Guide (IRPG), PMS 461
- Wildland Fire Incident Management Field Guide, PMS 210
- Single Resource Boss: Crew, Heavy Equipment, Engine, Felling, Firing, Helicopter Position Task Book, PMS 311-13

Facilities, Equipment, and Personnel

The following facilities, equipment, or personnel are required to deliver this course:

Facilities

- Standard classroom equipped for 24 students
- Whiteboards or easel pads with appropriate writing implements
- Projector/TV with appropriate laptop connections
- Wifi/Internet access

Time Table

Segment			Unit Total
Unit 0: Introduction			1.0
Unit 1: Engine and Crew Capabilities and Limitations			1.0
Unit 2: Information Sources			1.0
Unit 3: Fire Sizeup Considerations			1.5
Unit 4: Tactics			2.0
Unit 5: Wildland/Urban Interface			2.0
Unit 6: Final Examination			1.0
Unit 7: Field Exercise (Optional)			3.0-4.0
	Course Totals		12.5-15.5

Time Table Key

1. The Time Table documents the amount of time required to deliver the content included in the course plan.
2. Time is documented using the quarter system: 15 min. = .25 / 30 min. = .50 / 45 min. = .75 / 60 min. = 1.0.
3. The Course Totals do not reflect time for lunch (1 hour) or breaks (10 minutes per each 50 minutes of instruction or assessment). It is the instructor's responsibility to add this time based on the course delivery schedule.
4. Application (activities, skills exercises, and formative testing) time will vary depending on the number of students enrolled and the acquired structure selected for training. The Application time documented is based on the maximum class size identified in the Course Details section.
5. Summative Assessments are determined and scheduled by the authority having jurisdiction. These are not the written or psychomotor State Fire Training certification exams. These are in-class assessments to evaluate student progress and calculate course grades.

Objectives

Course Objectives

1. Perform the tasks of an Engine Boss in making the tactical decisions required to safely manage an engine on an incident.