

FIRE 286 : PACIFIC NORTHWEST ENGINE ACADEMY

Transcript title

PNW Engine Academy

Credits

3

Grading mode

Pass/No Pass grades

Total contact hours

50

Lecture hours

20

Lab hours

30

Prerequisites

FIRE 125 and FIRE 211.

Course Description

Provides training in water handling and engine operation skills applicable to both fuels management and fire suppression activities. Uses Incident Command System (ICS) terminology. P/NP grading.

Course learning outcomes

1. Plan and manage complex water handling operations for fuels management and fire suppression operations.
2. Operate complex engines.
3. Perform engine preventative maintenance in inspections to better manage the units engine fleet and strike team leader activities.
4. Apply procedures for dealing with hazardous materials in non-wildfire emergencies.
5. Troubleshoot interagency engines.

Content outline

1. Introduction
2. Engine operations #1
3. Engine operations #2
4. Hydraulics
5. Special hazards
6. Driving rodeo
7. Class A foam
8. GPS operations
9. Portable pump operations
10. Field exercises

Required materials

All materials are provided to the student.