

# CALIFORNIA WILDLAND FIRE COORDINATING GROUP



DATE: February 18, 2016

SUBJECT: Engine Academy Pre-study package

TO: Selected Course Participant

Congratulations! You have been selected to attend the Region 5 Engine Academy to be held at the Northern California Training Center, 6101 Airport Road, Redding, CA 96002. Course Dates are Monday April 4-15, 2016.

## Directions to the Northern California Training Center:

[http://www.nationalfiretraining.net/ca/nctc\\_logistics](http://www.nationalfiretraining.net/ca/nctc_logistics)

## General Requirements:

Check-in will start at 08:00 in classrooms 2 & 3 and conclude at 09:00. You will need to have your State license, government licenses as outlined on the student checklist. Please make the time to study all attachments. There will be a pre-test given the first day.

Orientation will begin at 0900 hours on Monday, April 4th.

You will not be allowed to attend the academy if you are not at the orientation at 0900 hrs.

You must have in your possession a **valid state Class B commercial driver's license with current medical** that meets your state's requirements for operation of vehicles in excess of 26,001 GVW (**i.e. full class B, including airbrake certification, tank endorsement, and a Government Operator's Identification Card (OF-346) or agency specific card.** Again, if you do not have licenses covering the above, you will not be allowed to participate in the academy.

## Lodging & Meals:

**Rooms have been reserved for Students** at the Gaia Hotel in Anderson, CA starting Monday, April 4th. Rooms will be assigned on the first Monday of the Academy. The following are mandatory requirements: 2 Students per room, at approximately \$50 per Student per night; no other hotels are approved for lodging during the Academy. Students who are local residents do not have to stay at the hotel. Students will be required to pay for their lodging with their travel card (or other credit card) when they check-in on Monday. The home unit will be responsible for per diem while at the academy. If due to travel distance, you need accommodations on Sunday night 4/4 and/or Friday night 4/15, you will need to make your own reservations. Gaia Hotel telephone number is 530-365-7077. Please tell them you are with the USFS Engine Academy.

## Pre-work:

On the training website, the pre-study package are lesson plans titled: Fire hose basics, USFS standard fire engine valve list, and the fall 2012 edition of Two More Chains. The materials presented within these lesson plans are basic and **required knowledge prior to attending the Academy.**

Due to the difficulty that students have had with Basic Hydraulics, posted on the training website find the hydraulics workbook (**attachment 6**). This hydraulics workbook and quiz will benefit you greatly. **The hydraulics quiz problems 1-10 found starting on page 35 of attachment 6 and the pre-work quiz needs to be completed and handed in at check-in.** Your effort prior to the Academy will assure you a higher quality learning experience. Other suggested pre-study materials include The 2003 Water Handling and Equipment Guide.

A hard copy of this letter along with a friction loss calculator will be sent to students through your forest training officers.

In the event that you have questions or need assistance in completing this Hydraulics Workbook prior to attending the academy, please contact Roy Jones at 530-833-5206 (work) or Jason Wingard 760-709-1144 (work). If they are not available, leave a message and they will get back to you as soon as possible.

**Bring your completed Hydraulics quiz (Attachment 6), and enclosed pre-work quiz (attachment 11) with you to the Engine Academy Check-in to turn in.**

There are no scheduled classes during the evenings or on the weekend. However, opportunities will be made available to those who are interested in improving their knowledge and/or skills during optional night and weekend activities. *Any compensation for work hours outside of scheduled classes, must be worked out with the home unit.*

### **Uniforms and Equipment:**

While at the Engine Academy, **you will be required to wear:**

1. Regulation uniform shirt, name tag and badge while in the classroom, as well as in the field.
2. Nomex trousers and 8" + vibram soled boots during classroom and field exercises.
3. Nomex fire shirt, hard hat, and 8" + boots for all field exercises.
4. Also bring clear safety glasses or goggles, fire shelter, and appropriate initial attack line gear and gloves.
5. It is suggested that you consider bringing a raincoat and uniform jacket. **Coveralls** are also **highly recommended** to keep uniforms from becoming soiled during field exercises.
6. A sanctioned FS ball cap or engine academy ball cap may be worn in the field when not working around pumps and charged hose. No hats may be worn within the Northern California Training Center facility.

Weather in Redding can be quite variable at this time of year. It is recommended that all participants be prepared for warm, wet and/or cool weather.

Students are encouraged to bring agency vehicles that can transport multiple personnel. Shuttling between the Training Center and the field site will be facilitated by the students. Car- pooling is strongly encouraged.

If you have any questions regarding any of the above information please contact either:

- Jennifer Wells, Plumas National Forest, Telephone #: 530-675-2329
- Beth Melville, Pacific Southwest Region, Telephone #: 530-226-2774

Stay connected to the course you have been identified in, you may request that you be added to a mailing list that will email you. You will only receive one message per day (in the morning) and only if there was a change the day before for your session. Please note (although it isn't updated every day just when there is significant changes) when the Selection Roster is updated you will also get a message that there has been a change to your session. To add you to this list click on the following link:

[http://www.nationalfiretraining.net/schedule/detail/ca\\_GENGAC\\_04-04-2016\\_5218](http://www.nationalfiretraining.net/schedule/detail/ca_GENGAC_04-04-2016_5218)  
on the right hand side of the page click on **Subscribe** and follow the instructions. You may reverse this by clicking on the **Unsubscribe** button also.

If you have any questions, please feel free to contact the Training Center at 530-226-2720.

### Enclosures

Download from the website:

Name

-  2 Students Overtime Letter\_2016.pdf
-  3 Fire Hose Basics.pdf
-  4 Two More Chains Fall 2012.pdf
-  5 USFS Valve List.pdf
-  6 Basic Hydraulics Prework.pdf
-  7 NWCG Driving Standards.pdf
-  8 Water Handling Guide\_reduced\_Part1.
-  8 Water Handling Guide\_reduced\_Part2.
-  8 Water Handling Guide\_reduced\_Part3.
-  8 Water Handling Guide\_reduced\_Part4.
-  8 Water Handling Guide\_reduced\_Part5.
-  8 Water Handling Guide\_reduced\_Part6.
-  9 Prework Quiz\_2016.pdf