**COURSE SYLLABUS** **NR 109 Forest Field Study I /115 Adv Field Studies I**

Held at the Reedley College School Forest – Sequoia Lake and other employment sites

**10/31/17 & 11/4 – 5/2017**

Instructors: Kent Kinney/Joshua Soderlund/David McCandliss/Louie Long/Kyle Lane

Email: kent.kinney@reedleycollege.edu, louie.long@reedley.college.edu, joshua.soderlund@reedleycollege.edu

Phone: Joshua Soderlund: 559-638-3641 x3260

Unit: 0.5 Credit/No Credit

**When: Tuesday, October 31th, 5:00 - 5:50 PM FEM 8 (**Crew dynamics, Work Preparation Information) **THIS IS THE FIRST MEETING. IT IS REQUIRED**

 **AND**

 **Saturday November 4th (7:00 AM) and Sunday November 5th (7:00 AM)**

**What to Wear: Saturday - Long Pants, Work Boots, Long sleeve work shirt, Gloves, Eye Protection. Take a day pack with two quarts of water and your lunch for the day. You will be outside all day and you will be working.**

 **Don’t forget your lunch and drinking water!**

 **Sunday - Long Pants, Long-Sleeve Shirt, Hard Hat, Gloves, Safety Glasses**

 **Take a day pack with two quarts of water and your lunch for the day. You will be outside all day and you will be working.**

 **Don’t forget your lunch and drinking water!**

**Schedule:**

 **Thursday**

 0700 Roll Call

0730 Orientation about Kings River Riparian Restoration (Louie Long)

 and PG&E Mitigation (Matt Brown)

 0800 Project Work

 1200 Lunch

 1230 Project Work

 1630 Discussion of Activities/Work, Return Equipment

 1700 Sophomore Welcome Back - BBQ Dinner

1800 Self Introductions/ Sophomore Summer Review

 2000 Conclusion and release

**Friday**

0700 Roll Call

 0730 Project work begins

 1200 Lunch

 1230 Project work resumes

 1630 Work day ends, Return Equipment

 1700 Release Students

**Required Items To Bring:**

* **PPE (Personal Protective Equipment) Leather 8” work boots, hard hat, gloves, safety glasses (have these ready to show at roll call Thursday morning)**
* **Lunch** for Saturday
* Water Camel pack, day pack with water bottles, or water bottles on web (you must pack water without holding bottles in your hands while hiking and working)
* Coat or fleece sweater (mornings will be **cold**!)
* **Rain gear!!!!**
* Personal medication (e.g. Benadryl®, Advil®, or Aspirin)

**WARNING**

Be cautious of bees, stinging nettle and uneven terrain (aka river bank and bluff) along the Kings River.

**Objectives and Guidelines:**

The above field studies course is a two-day class conducted at the School Farm along the Kings River. It begins at the Reedley campus on Saturday and Sunday mornings. A list of regulations, items that you should bring, guidelines for the workday, a schedule of activities and a student contract are included in this handout.

**NR 109 Course Outcomes:**

1. Upon completion of this course, students will be able to: Prepare hand tools and power equipment for efficient implementation of prescribed forest management tasks.
2. Differentiate between plant species that have similar morphology.
3. Apply incident command system as a member of a crew.

**NR 109 Course Objectives:**

 In the process of completing this course, students will:

1. Demonstrate correct use of at least three forestry tools in implementation of forest project objectives.
2. Operate chain saws in the felling and bucking of trees.
3. Construct fuel breaks as a member of a hand crew.
4. Identify the major tree and shrub species at Sequoia Lake.
5. Perform forest fuels reduction for fire management objectives.
6. Perform operation of motorized equipment including one or more of the following: log splitter, power pruner, all terrain vehicle and rock drill.

**NR 115 Course Outcomes:**

1. Describe the biological or environmental factors which affect forest growth.
2. Formulate a management strategy to achieve a specific outcome in forest management.
3. Implement and appraise a forest management strategy.

**NR 109 Course Objectives:**

 In the process of completing this course, students will:

1. Apply basic forestry and natural resources skills under field conditions.
2. Identify properties of hand tools including sharpness of blades and condition of handle attachment.
3. Determine the response of ecosystems to natural and human-induced disturbances.
4. Demonstrate the use of forest measurement tools which may include: scaling sticks, Relaskop’s, Biltmore/cruiser stick, clinometer, diameter tape, and laser rangefinders.
5. Determine how many trees and the overall volume to remove by diameter class.
6. Use specific techniques to determine fish and wildlife abundance.
7. Demonstrating safe working practices.

**Field Trip Regulations**

During these field courses, all college policies will apply just as if you were at Reedley College.

* There will be NO USE OF DRUGS OR ALCOHOL during the field trip. This is a zero tolerance policy and any deviation may result in expulsion from College.
* There will be **no smoking** allowed in any area of the school farm.
* Proper field clothes (hard hat and boots, long pants and long-sleeved shirt) will be worn during the field-training portion of the course. **Bring your own**.
* Students must be present for the entire session to receive a grade.
* If you are sick or injure yourself ... **SEE AN INSTRUCTOR IMMEDIATELY.**
* All food will be provided, **except** for Thursday lunch ... bring a sack lunch. If you have special food requirements, let instructors know 1 week in advance.
* Do not use profane or discourteous language.
* Use two-way radios only when essential for work tasks or safety and follow proper etiquette.
* Mature, appropriate behavior is expected of everyone throughout the day and night.

**Accommodation Statement:**

If you have a verified need for an academic accommodation or materials in alternate media (i.e., Braille, large print, electronic text, etc.) per the Americans with Disabilities Act (ADA) or Section 504 of the Rehabilitation Act, please contact me as soon as possible.

**Cheating and Plagiarism:**

Cheating and plagiarism are serious offenses and will not be tolerated. Students shall comply with Board Policy 5410; each student is expected to exert an entirely honest effort toward attaining an education. Violations of this policy will result in failing grade on an assignment and/or entire course.

**Attendance and Grading Policy:**

**Students must be present for the entire session to receive a grade. This is a field studies course so you are graded (credit/ no credit) entirely on participation during the work day.**

**This course will commence at 1700 hours (5:00PM) on Tuesday, October 31 at Reedley College, Room FEM 8 for a roll call and to give important information for the trip. All students must attend or have special permission by their instructor to make alternate arrangements.**

**And…**

**Saturday 11/4 and Sunday 11/5 at Reedley College this course will start at 0700 hours (7:00AM) on.** You may park your vehicle on campus or have someone drop you off.

**Please do not come late. You may be left behind unless you arrive on time.**

**Phone numbers in case of an emergency are:**

**Reedley College**

**559-638-0300**

# **PERSONAL CODE OF CONDUCT**

# **STUDENT CONTRACT**

As a student enrolled in the Forest/Park Technology program at Reedley College of the State Center Community College District within the Community College system of the State of California, I agree to abide by the rules and regulations as outlined in the Reedley College catalogue, under "Policy", and the additional provisions included herein.

1. No alcohol or other non-prescription drugs are permitted on the RC campus.
2. No smoking and no chewing tobacco during field trip.
3. All students will participate in the entire field trip, beginning and ending at RC.
4. Rules pertaining to safety will be strictly observed.
5. No firearms, pets, or persons not enrolled in the field course are allowed.
6. Rules, policies, and procedures specific to Reedley College will be observed.
7. Students will remain on the Reedley College property for the duration of the field trip.
8. Mature, appropriate behavior is expected of everyone throughout the day and night.
9. Students will arrive promptly at 0700 on Saturday and Sunday and participate in all assigned tasks and remain productive until their release.

**Anyone not conforming to the above conditions may not receive course credit and may be immediately expelled.**

By signing this document, I acknowledge my personal commitment and responsibilities as they relate to the Forest/Park Technology program at Reedley College, and I understand and accept the consequences for my personal actions as they relate to the provisions laid herewith.

***Student Copy*****PERSONAL CODE OF CONDUCT**

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Name (Please **print**) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Signature

###### School Copy

submit before departure