

F230 - Forestry Field Measurements (2018) - 2 credits

June 11 – June 22, 2018

June 10 (Sunday): Check In (3-4 pm) / Introductory Meeting:

This is an intensive 10 day (2 weeks) session required for Forestry majors and minors, and also those in the "Range and Forest Management" concentration of the Rangeland Ecology major. Course content includes: field measurements, timber cruising, maps, compass use, air photos, and GPS.

Important: The class starts at 8:00 am Monday, June 11th.

BUT ... Check-in is between 3:00-4:00 pm on **Sunday, June 10th.**

There will a short introductory meeting after dinner on Sunday evening.

The F230 course is directly AFTER the 1st and 2nd sessions of NR220 (those run concurrently). **We assume most F230 students will be in one of those sessions.** Note: For those students, you will need to "check out" on the final Friday of NR220 and THEN check back in on Sunday (between 3:00 and 4:00 pm). You cannot stay on campus over that weekend (unless you are enrolled in FW111 (Basic Outdoor Skills), which meets Saturday and Sunday).

F230 students may elect to take the 4th session of NR220, but be advised there is a 2 week gap between F230 and the start of the 4th session. You cannot live on campus those two weeks.

Students CANNOT enroll for both F230 AND the 3rd session of NR220; they overlap.

The weekend in the middle of F230 (June 16-17) is free time (hike, study, return to town, etc.).

Transportation: Students must provide their own transportation to and from the Mountain Campus. Carpooling is encouraged!!

Registration procedure:

Beginning Tuesday **March 20 at noon**, you will be able to register for **F230 (LO1-50825) and NR220** through RamWeb. **NOTE:** Most of you (but maybe not all) will want the 1st or 2nd session of NR220 (001/L01 or 002/L02), so try to register for NR220 **FIRST** (before you register for F230).

Again, you CANNOT be in both F230 and NR220 (003/L03), as they overlap.

F230 Estimated Costs for Summer 2018

	Resident	Non-resident
Tuition (minus COF)	\$ 831.40	\$ 2666.00
Differential Tuition (for Juniors & Seniors)	\$ 106.00	\$ 106.00
Fees	\$ 168.67	\$ 168.67
Room/Board plus campus fee	\$ 478.00	\$ 478.00
Total (Juniors & Seniors)	\$1584.07	\$3418.67
Total (Fresh. & Soph.)	\$1478.07	\$3312.67

Equipment / Supplies: Prior to arrival at the Mountain Campus, you will need to purchase the equipment and supplies on the list provided on the next page.

MANDATORY ORIENTATION MEETING (F230 and NR220):

Thursday April 19 5:30-6:45 pm Clark A101

Questions: contact Rocky Coleman at rocky.coleman@colostate.edu

Mountain Campus website: <https://warnercnr.colostate.edu/csu-mountain-campus>

**F230 Forestry Field Measurements
Summer 2018
Equipment and Supplies List**

Many of these items will be available at the CSU Bookstore, but can be purchased anywhere.

Necessary Equipment

- "Pingree Park Trails and Peaks" Topo Map (same map required for NR220)
- "Rite in Rain" field book (cruiser transit) 8.5 by 11 version preferred by instructors
- Notebooks/Paper/Binder for lectures and class materials
- Calculator (with trig functions)
- Pencils and pens
- Red, blue and black extra **fine point** Sharpie Permanent Marker Pens
- Knife or pencil sharpener
- Engineer's scale (the one that says "**Engineer**" on it, **NOT "Architect"**)
- Circular protractor (Sterling #535)
- Clipboard (a "storage" model will help in rainy situations)
- **Silva Ranger CL Compass:** with the following features
 - (Note: the bookstore may not stock this model - you may have to get it elsewhere)
 - Azimuth model (0° - 360° rotation dial)
 - Folding Mirror with split sight
 - Magnetic declination setting screw



Necessary Field Gear

- Rain gear
- Boots
- Field clothes (layers are good)
- **Optional :** Cruiser's vest. These are handy for fieldwork. Tan is traditional, orange is recommended if you anticipate fieldwork during deer and elk season. May be obtained from Ben Meadows Co. or Forestry Suppliers.

Strongly Suggested Equipment

- If you own the following , bring them:
 - a laptop (desktops can work also)
 - a camera (phone cameras are ok)