

# F230 - Forestry Field Measurements (2019) - 2 credits

June 17 – June 28, 2019

Check In: June 16 (Sunday), 3-4 pm; Short Meeting after Sunday dinner

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: field measurements, timber cruising, maps, compass use, air photos, and GPS. **Important: The class starts at 8:00 am Monday, June 17<sup>th</sup> BUT ... Check-in** is between 3:00-4:00 pm on **Sunday, June 16<sup>th</sup>**. There will a short meeting after dinner on Sunday evening.

The F230 course is directly AFTER the 1<sup>st</sup> and 2<sup>nd</sup> sessions of NR220 (those run concurrently). **We assume most F230 students will be in one of those sessions.** Note: F230 students 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 at the Mountain Campus over that weekend unless you are enrolled in FW111 (Basic Outdoor Skills). The weekend in the middle of F230 (June 22-23) is free time that you can spend at the mountain campus (hike, study, etc.).

F230 students may elect to take the 4<sup>th</sup> session of NR220, but be advised there is a 2 week gap between F230 and the start of the 4<sup>th</sup> session. You cannot live on campus those two weeks. **Students CANNOT enroll for both F230 AND the 3<sup>rd</sup> session of NR220; they overlap.**

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

## Registration procedure:

*Beginning Tuesday, March 26 at noon, students can register for F230 (LO1-50825) and NR220 through RamWeb. Registration opens for all students at the university on this date, but times are staggered. Check Ramweb for your specific registration access time and register as soon as you are able. NOTE: Most of you will want the 1<sup>st</sup> or 2<sup>nd</sup> session of NR220 (001/L01 or 002/L02). 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 2019

	Resident	Non-resident
Tuition (*minus COF)	\$ 856.40*	\$ 2732.60
Differential Tuition (for Juniors & Seniors)	\$ 110.00	\$ 110.00
Fees	\$ 172.82	\$ 172.82
Room/Board plus campus services fee	\$ 495.00	\$ 495.00
Total (Juniors & Seniors)	\$1634.22	\$3510.42
Total (Fresh. & Soph.)	\$1524.22	\$3400.42

**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 24 5:30-6:45 pm Clark A101

**Questions:** contact Rocky Coleman at [rocky.coleman@colostate.edu](mailto:rocky.coleman@colostate.edu)

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

**F230 Forestry Field Measurements  
Summer 2019  
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 2.0 Black/Orange Bezel Mirror Compass:** with the following features  
(Note: the bookstore may not stock this model – available at Forestry Suppliers)
  - Azimuth model (0° - 360° rotation dial (bezel))
  - 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)