F230 - Forestry Field Measurements (2 Credits)
June 1 – June 12, 2015
Check in Sunday afternoon/evening of May 31 !!

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 Range Ecology major. The course covers the following subjects: forestry field measurements, timber cruising, maps, compass use, air photos, and GPS.

Arrival at Pingree Park:
The class starts at 8:30am Monday, June 1 ...
... BUT you will check in on the afternoon of SUNDAY, May 31st .
... AND there will be a brief orientation after dinner.

Transportation: You can drive your own vehicle (carpooling is encouraged !!). There may be a couple of vans going up on Sunday May 31st but space may be limited. Contact Rocky Coleman to be put on the ride list (see contact info below).

The course is directly BEFORE the 1st session of NR220 (Natural Resources Ecology and Measurements), so many of you will stay on for the following four weeks. Those that take the 2nd session of NR220 will have 4 weeks “off”. The weekends are free time for you to hike, study, or return to town if necessary.

Registration procedure:
Beginning March 24 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 first session of NR220 (001), so try to register for NR220 (001) FIRST (before you register for F230). If section 001 is full, register for (002) and get on the waiting list for (001).

F230 Estimated Costs for Summer 2015

<table>
<thead>
<tr>
<th></th>
<th>Resident</th>
<th>Non-resident</th>
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<tbody>
<tr>
<td>Tuition (minus COF)</td>
<td>$714.60</td>
<td>$2404.80</td>
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<tr>
<td>Differential Tuition</td>
<td>$94.00</td>
<td>$94.00</td>
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<tr>
<td>(for Juniors &amp; Seniors)</td>
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<tr>
<td>Fees</td>
<td>$137.99</td>
<td>$137.99</td>
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<tr>
<td>Room and Board</td>
<td>$432.00</td>
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<tr>
<td>Total (Juniors &amp; Seniors)</td>
<td>$1378.59</td>
<td>$3068.79</td>
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<tr>
<td>Total (Fresh. &amp; Soph.)</td>
<td>$1284.59</td>
<td>$2974.79</td>
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Prior to arrival at Pingree, you will need to purchase the equipment and supplies on the list provided on the back of this page.

MANDATORY ORIENTATION MEETING (F230 and NR220):
Thursday April 16 5:30-6:45 pm Plant Sciences (PLSCI) C101

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

Pingree information website --- http://warnercnr.colostate.edu/pingree-park
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
  - 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)