FIELD BOTANY -- Bi 448/548 -- CRN 45962/45977 -- Summer 2014 Syllabus --Classroom: 111 Huestis
Instructor: Susie Holmes—holmess@lanecc.edu  Office Hours by appointment
Course Website: http://biology.uoregon.edu/classes/bi448sum14/index.php

TEXTBOOKS/SUPPLIES:
Required:
  Handbook of Northwestern Plants by Gilkey & Dennis (SCI REF QK144.G5 2001, Call # Holmes 2)
  Dictionary of Word Roots & Combining Forms by Borror (Call # Holmes)
  10X hand lens, razor blade, small ruler & tweezers, sharp pencil, eraser, sketch paper & field notebook
Recommended but optional:
  Vascular Plants of Lane County, Or: An Annotated Checklist by Simpson et. al. (Call # Holmes 5)
  Plant Identification Terminology: An Illustrated glossary by Harris & Harris
  Flora of the Pacific Northwest by Hitchcock & Cronquist (SCI REF QK144.H452, Call # Holmes 3)
  Plants of the Pacific Northwest Coast, eds. Pojar & MacKinnon (SCI REF QK144.P5, C# Holmes 4)

GENERAL NOTES:
Classroom sessions will be taught in a mixed lecture-lab/workshop for mat. On Wednesdays the class will be concluded with a twenty-minute quiz period (or begin with a quiz if we are in the field).

Mandatory field trips begin at 7:30 a.m. and end at 5:20 p.m. at the latest (more or less). These days will be spent visiting various habitats of the region; instruction will take place in the field on these days.
Final exam is scheduled for 1:00-3:00 p.m. on Thursday, August 14. A final field-identification practical will be held during the last class on Weds 8/13.

Students should keep in mind that this course is designed to satisfy an upper-division degree requirement for biology majors. Students are expected to attend all classroom and field sessions. Because each is unique, it is not possible to make up any quiz or field trip by outside reading or other extra work. Missed sessions can significantly reduce the final course grade. Excessive tardiness can also have a negative effect on grading.

COURSE SCHEDULE:
(subject to change)

WEEK ONE
Botanical keys. Use of microscopes and lab tools. Intro to Gymnosperms and Angiosperms. Ferns and Conifers Lab. Intro to plant families.
  Homework: Read pages 454 through 459 of the textbook (Gilkey & Dennis). Study ferns, conifers and terminology covered in class. Study for Quiz 1 on Weds 7/23. Option: Tab index textbook.

Wednesday, July 23.  Campus Plant Walk. Cones and conifers continued. Intro to flower structure.
  Homework: Read pages 460 through 465 of the textbook. Study species from Week 1. Finish up Week 1 lab reports due Mon 7/28.

Friday, July 25.  Field trip to Horse Rock Ridge & Mohawk RNA with BLM Botanist Cheshire Mayrsohn.

WEEK TWO
  Homework: Study species and family characteristics. Study for Quiz 2 on Weds 7/30.
   Homework: Study family descriptions and species covered in Week 2. Finish up Week 2 lab reports due Mon 8/4.

Friday, Aug 1. Field trip to Patterson Mountain.

WEEK THREE
   Homework: Study families and species covered in Week 3. Study for Quiz 3 on Weds 8/6.

   Homework: Study family descriptions and species covered in Week 3. Finish up Week 3 lab report and field trip report due Mon 8/11.

Friday, August 8. Field trip to Coast Range and coastal strip.

WEEK FOUR
   Homework: Study for last class final field practical and online course evaluation.

Wednesday, August 13. Final field practicum. Leave from Huestis 111 at start of class. Location TBA.
   Homework: Study for final keying exam.

Thursday, August 14. Final exam: Keying & Identification 1:00 – 3:00 p.m.

GRADING:

Quizzes........................................10% each............................30%
Lab Reports........................................10% each............................30%
Field Trip Report........................................10%...........................30%
Final Exam...........................................................30%
Total.................................................................100%

IMPORTANT: Remember to bring your hand lens and textbook, Handbook of Northwestern Plants, to every class session and on every field trip!!!

2014 Academic Deadlines:
Last day to drop with 100% refund and no "W" = July 21st
Last day to drop with 50% refund and no "W" = July 23rd
Last day to Add = July 24th
Last day to change to or from credit/audit = July 24th
Last day to withdraw with 50% refund with a "W" = July 28th
Last day to withdraw, no refund, with a "W" = August 6th
Last day to change grading options = August 6th