

## **BSPM303B - Horticultural Entomology Lab** **General Syllabus - Fall 2009**

### **Class Locations:**

Sections 1, 2 - *E8 Plant Sciences Bldg*  
Section 3 – *E05 Plant Sciences Bldg*

### **Times:** Three lab sections are taught weekly on Tuesdays

Section 1      *8:00-9:40 AM* (meets in E08)  
Section 2      *10:00-11:40 AM* (meets in E08)  
Section 3      *1:00-2:40 PM* (**meets in E05**)

**General Note:** This course is taught three times on Tuesdays: 8:00-9:40; 10:00-11:40, 1:00-2:40. The same material is covered in each lab session.

### **Instructor:** Whitney Cranshaw

Office: C 201 Plant Sciences  
Phone: 491-6781 (*leave phone messages at great peril!!!!*)  
email: Whitney.Cranshaw@Colostate.EDU

### **Co-Instructor:** Matt Camper

Office: C 31 Plant Sciences  
Phone: 491-0713  
email: Matt.Camper@ColoState.EDU

**Required Text:** None. Numerous publications will be brought to class for review.

An outline useful for note taking will be available through the RamCT site of the course.

### **Grading:** Standard grading (A-F) with +/-

Grades are based on percentage of *430 points*

A = 388+ points

B = 346-387 points

C = 303-345 points

D = 260-302 points

+/- Grades are given. A plus (+) grade is given if within 8 points of the maximum. For example, a B+ is awarded for 380-387 points. A B- would be given for someone receiving 346-353 points.

100 pts. **Exam 1** - Identification of adult and immature insects to the order level; recognize Arthropod classes

100 pts. **Exam 2** - Beneficial insects, plus insect groups covered prior to exam

100 pts. **Exam 3** - Insect groups covered since Exam 2

100 pts. **Exam 4** - Insect groups covered since Exam 3 (*Note:* This exam will be taken during Finals Week)

30 pts. **Insect Samples** - 10 insects or insect damage samples @ 3 pts apiece

**Finals Week Exam Periods:** *Either of the following*

Tuesday, December 15 5:50-7:50

Thursday, December 17 5:50-7:50

Friday, December 18 9:10-11:10

**General Schedule**

1. During the first 4-5 classes students will be expected to learn identification of Arthropod classes and both immature and adult forms of 13 insect orders. Campus "walkabout" field trips will take place, depending on weather and availability of good insects to find. At the end of this period there will be a full period laboratory exam.

2. For the remainder of the class there will be discussion of horticultural insects by associated plant group. This will include information on damage, identification and basics of management.

The general groupings for discussion include:

Beneficial Insects/Biological Controls

Turfgrass Insects

Woody Plant Insects (including Fruit Crops)

Vegetable Insects

Greenhouse/Flower Garden Insects

Order of presentation will vary. After every 3-4 weeks an exam will be given. The exam will take 30-40 minutes, after which the regular laboratory program will continue until the end of the period.