Course Title: Horticultural Crops I
Catalog #: HO51
Section #: 1573
Instructor: Keith Henn
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Objectives:
1. Produce an Easter Lily crop by using your knowledge of the plant and its cultural requirements.
2. Demonstrate the proper methods of mixing and applying fertilizers using the equipment in the SCCC greenhouse.
3. Successfully produce a geranium crop from seed, plug and cuttings to a blooming saleable plant.
4. Grow a crop of spring bedding plants using your knowledge of watering, fertilizing, soil mixes, plant development and environmental needs.
5. Identify insects that can infest greenhouse crops.
6. Discuss the life cycle of these insects and with that information demonstrate how to eradicate them from the greenhouse.
7. Identify diseases that can attack greenhouse crops.
8. Discuss methods and treatments to prevent and eliminate diseases from the greenhouse.
9. Explain how cultural practices relate to insect and disease control and quality crop production.
10. Demonstrate the ability to supervise, delegate work, organize projects and scheduling. Your performance as a "grower" will be evaluated.
11. Maintain detailed records for crops grown and procedures performed in the greenhouse.
12. Maintain stock plants in the greenhouse and set up plant sales on campus for our geranium and bedding plant crops.

Student Requirements:
1. Attendance: One absence will be permitted but it is the student's responsibility to obtain missed material. Excessive absence or lateness may lead to the removal from the course.
2. Read all assigned material.
3. Complete all assignments to be handed in.
4. Participate in class and greenhouse work.
5. Attend scheduled field trips.

Grading:
- 3 Exams (lowest dropped) . . . . . . . . . . . . . . 60%
- Grower & Records . . . . . . . . . . . . . . . . . . 40%