

Biology of Horticulture
BIOL 5630
Spring 2013

Instructor: Dr. Emily Cantonwine, Office – BC 2031, Email – egcantonwine@valdosta.edu, Phone – 333-5337
Lecture M, W 3:30-4:45 (BC 2202)
Lab W 12:00-2:50 (BC 2040)
Office Hours M 10-12, F 10-12, or by appointment

Course Description: Introduction to the biological principles and practices of propagating and growing plants.

Course Objectives (Educational Outcomes): By the end of the semester, students will be able to

- start and maintain plants in a greenhouse (GEO 5; BEO 5)
- identify important horticultural plants and plant families (GEO 5; BEO 2,5)
- identify anatomical and structural components of horticultural plants (GEO 5; BEO 3,5)
- explain how environmental factors affect plant growth (GEO 5; BEO 5)
- explain the biological principles behind the manipulation of plant growth for aesthetic and economic purposes (GEO 5; BEO 5)
- explain how plants, insects, and pathogens damage plants or affect plant value (GEO 5; BEO 2,5)
- present 75E1a]TJx-5()JTJETBT1 0 0 4TJand61.08 513.67 Tm[)JTJ4-4(esg0.23 11(r)-34440ABT54ngEETBT1 7.BT(,)TF

Assessments:

Exams: There are 4 exams and a cumulative final exam, each worth 100 points. Material on the exams will include both lecture and laboratory material. Students may drop their lowest exam score (or elect to not take the final). Students may not take exams late, and may not take exams early unless there is a documented university or religious excuse. In cases of illness or family emergency, the missed exam is the exam that will be dropped.

Tentative Schedule:

Week	Lecture Topics	Reading Assignments (Chapters)	Lab
------	----------------	--------------------------------------	-----