Course Prefix and Number: HRT 226

Credits: 3

Course Title: Greenhouse Management

Course Description: Discusses the theoretical and applied practices of managing a greenhouse facility. Emphasizes greenhouse construction and design, environmental control, energy conservation, and related topics. Lecture 2 hours. Laboratory 2 hours. Total 4 hours per week.

General Course Purpose: This course is field trip-oriented, taking a survey and visiting many greenhouse operations in the area. It also looks at the steps necessary to start a business and involves the creation of a business plan.

Course Prerequisites and Co-requisites: None

Course Objectives:
Upon completing the course, the student will be able to:

a. Select materials for a greenhouse structure;
b. Understand the market in the area;
c. Develop a business plan for a greenhouse facility; and
d. Understand the heating, cooling, coverings, and maintenance of a facility.

Major Topics to Be Included:

a. Types of greenhouses
b. Types of coverings
c. Temperature control
d. Watering
e. Marketing
f. Fertilization
g. Pest control
h. Medias
i. Crop scheduling

Effective Date of Course Content Summary: February 12, 2009