Course Prefix and Number:  HRT 130

Credits:  3

Course Title:  Introduction to Sustainable Farming

Course Description:  Familiarizes students, through lecture and demonstration, with small-scale food production by gardening. Covers the basics of composting and organic vegetable gardening using biointensive methods. Lecture 3 hours per week.

General Course Purpose:  Introduce students to the various practices that go into creating an organic vegetable production operation.

Course Prerequisites and Co-requisites:  None

Student Learning Outcomes:
Upon completing the course, the student will be able to
a. Demonstrate applications of composting, ecosystem interactions, and intensive gardening;

b. Interface with individuals interested in organic gardening;

c. Communicate with confidence to clients and co-workers regarding products and techniques of organic food production; and

d. Evaluate compost for use as a soil amendment in diverse circumstances.

Major Topics to Be Included:
a. Composting of organic materials into a safe and usable soil amendment
b. Building garden ecosystems using companion planting, succession planting, and crop rotation

c. Vegetable production by means of biointensive cultivation practices, including spacing and equipment used

Date Created/Updated (Month, Day, and Year):  June 10, 2019