

J. Sargeant Reynolds Community College  
Course Content Summary

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 sustainable farming. Lecture 3 hours. Total 3 hours per week. 3 credits

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 chf 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

Effective Date/Updated: June 10, 2019