

**J. Sargeant Reynolds Community College
Course Content Summary**

Course Prefix and Number: HRT 130

Credits: 3

Course Title: Introduction to Biointensive Mini-Farming

Course Description (including lecture hours, lab hours, total contacts)

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.

Course Prerequisites/Corequisites (*Entry-level competencies **required** for enrollment*)

None

Course Objectives (Each item should complete the following sentence.)

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.
- 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.

Effective Date of Course Content Summary (Month, Date, Year): 2/12/09