

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

**Course Prefix and Number: HRT 195**

**Credits: 1**

**Course Title:** Introduction to mushroom culture

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

Covers fungi in human culture, biology and ecology of fungi, mushroom culture, and home garden and landscape use of fungi. Lecture 1 hour per week.

**General Course Purpose**

This course is designed to introduce students to fungal biology and ecology, ethnomycology, and methods for incorporating fungi into gardens and landscapes.

**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. Discuss fungal biology and ecology
- b. Discuss how fungi relate to human culture and agriculture
- c. Develop plans to incorporate specific species of fungi into landscapes

**Major Topics to be Included**

- a. Fungal biology and ecology
- b. Ethnomycology
- c. Plant pathology
- d. Mushroom culture
- e. Industrial uses of fungi
- f. Landscaping with fungi

**Effective Date of Course Content Summary (Month, Date Year):** September 10, 2009