

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

**Course Prefix and Number: HRT 259**

**Credits: 3**

**Course Title:** Arboriculture

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

Studies the techniques of tree care. Covers surgery, pruning, insect and disease recognition and control, fertilization, cabling, and lightning rod installation. Lecture 2 hours. Laboratory 2 hours. Total 4 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. Identify the unique soil environment for trees
- b. Demonstrate proper pruning practices
- c. Understand the role of trees in urban landscapes
- d. Identify common insect and diseases of trees

**Major Topics to be Included**

- a. Safety issues with tree care
- b. Pests of trees
- c. Pruning practices
- d. Tree fertilization
- e. Cabling and lightning rod installation

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