

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

**Course Prefix and Number:** HRT 259

**Credits:** 3

**Course Title:** Arboriculture

**Course Description:** 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.

**General Course Purpose:**

**Course Prerequisites and Co-requisites:**

None

**Course Objectives:**

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; and
- d. Identify common insects 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:** February 12, 2009