

**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: Introduce students to the tree care industry and what it takes to become an arborist.

Course Prerequisites and Co-requisites:
None

Student Learning Outcomes:

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

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