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

Introduces students to arboriculture careers and as partial preparation for the ISA Arborist Certification Exam

Course Prerequisites/Co-requisites

None

Course Objectives

• Familiarize students with principles and concepts of arboriculture
• Expose students to career opportunities in arboriculture
• Care and identification of tools used in arboriculture

Major Topics to be Included

a. Careers and the arboriculture professions
b. Benefits of trees as sustainable agriculture
c. Tree morphology, physiology and biology
d. Tree identification, selection and planting
e. Tree pruning and maintenance
f. Urban tree environment
g. Tree preservation
h. Tree disorder diagnosis and plant health care
i. Tree hazard management
j. Arborist safety and tree climbing