

HRT 296

Training in Arboretum Internship

COURSE OUTLINE

Prerequisites: None

Course Description:

Specializes in career orientation and training program without pay in selected businesses and industry or public gardens. The course utilizes the VWCC horticulture training facilities including the Community Arboretum and campus greenhouses. The course is supervised and coordinated by Virginia Western college personnel in the department of horticulture.

Semester Credits: 2

Lecture Hours: none

Lab Hours: 5 per week

HRT 296: Training in Arboretum Internship

Course Outcomes:

At the completion of this course, the student should be able to:

- Understand the daily tasks related to plant care of a horticulture business or public garden
- Apply knowledge obtained in the classroom to actual hands on work in the field of horticulture
- Demonstrate a basic understanding of how to use and maintain basic hand tools and power equipment used in a horticulture business
- Understand the basics of greenhouse crop production and tropical plant care
- Demonstrate a basic understanding of recycling yard waste and composting
- Demonstrate a basic understanding of soil management and fertilization
- Demonstrate the ability to properly prune trees and shrubs

HRT 296: Training in Arboretum Internship

Required Materials:

None Required

HRT 296: Training in Arboretum Internship

Topical Description:

This course varies in the content of topics covered during a given semester due to the seasonal nature of type of work in a horticulture business and arboretum. The course covers the following topics: soil management/fertilization, planting techniques, pruning, plant pest management and use and maintenance of hand tools and power equipment. Greenhouse crop production topics are covered during the fall and spring semesters. This is a hands-on, practical application course. The content of the course may also be determined by the type of projects in progress at the horticulture business or arboretum. The content of the course may cater to the interest of the student. An arboretum student intern interested in greenhouse crop production will spend more time working with plants and projects in the greenhouse while an intern interested in landscape management will spend more time working with plants and projects in the arboretum. The student is required to complete an individual project which includes research, project development and completion, and a project report.

HRT 296: Training in Arboretum Internship

Notes to Instructors

- Optional topics
 - Landscape design
 - Design of annual plant display gardens
 - Design of bed/garden renovation projects
 - Turf establishment and care
 - Hardscaping
 - Irrigation maintenance
 - Develop a maintenance schedule for a horticulture business or public garden