

HORTICULTURE (HRT)

HRT 104 (4 credit hours)

Introduction to Herbaceous Plants

Covers the care, culture and distinguishing characteristics of herbaceous plants including the scientific and common names of many of the most common herbaceous plants including pests common to these plants.

Lecture: 4 credits (60 contact hours).

Attributes: Technical

Components: LEC: Lecture

HRT 108 (4 credit hours)

Introduction to Woody Plants

Covers the care, culture, and distinguishing characteristics of woody plants including the scientific and common names of many of the most common landscape woody plants. Examines pests that are common to these plants. Lecture: 4 credits (60 contact hours).

Attributes: Technical

Components: LEC: Lecture

HRT 110 (4 credit hours)

Nursery Management

This course provides an introduction to the nursery industry. It includes information on soils, plant growth, nutrition and propagation methods; comparison of field and container growing practices; comparison of pest control methods; storing, grading and marketing nursery stock and the importance of keeping records and accounts.

Attributes: Technical

Components: LEC: Lecture

HRT 120 (4 credit hours)

Turf Management

Focuses on the identification, care, and culture of cool and warm season turf plants including how to calculate an area for seed or sod, identification of insects, weeds, diseases and the proper control measures for each, and the development of a schedule for good turf maintenance and renovation for turf areas. Lecture: 4 credits (60 contact hours).

Attributes: Technical

Components: LEC: Lecture

HRT 130 (3 credit hours)

Landscape Maintenance

Introduces basic techniques for landscape management including pruning and planting techniques, safe working practices in the landscape and pest management. Lecture: 3 credits (45 contact hours).

Attributes: Technical

Components: LEC: Lecture

HRT 131 (2 credit hours)

Landscape Maintenance Lab

Applies knowledge of equipment, technology, and safety issues related to landscape maintenance, and the use of general math skills in computations used in the landscape including pesticides, fertilizers, and IPM systems used in maintaining the landscape, soils, and construction of various hard surface features. Laboratory: 2 credits (90 contact hours).

Attributes: Technical

Components: LAB: Laboratory

HRT 150 (3 credit hours)

Horticulture Business Management

This course introduces various career opportunities in a garden center and focuses on salesmanship and business practices utilized in this environment. Identification of characteristics, usage and care of woody ornamentals, annual and perennial plants, as well as use and care information needed by the consumer are included. Assisting customers in choosing chemical pesticides and plant related products is discussed. Lecture: 3 credits (45 contact hours).

Components: LEC: Lecture

HRT 160 (4 credit hours)

Retail Floral Design

Provides information and skills for successful employment in the floral design industry including business management, cost analysis and marketing, materials, containers, tools, and flowers. Lecture: 4 credits (60 contact hours).

Attributes: Technical

Components: LEC: Lecture

HRT 161 (2 credit hours)

Retail Floral Design Lab

Applies design principles and small business operations. Uses fresh and artificial floral products to create displays. Laboratory: 2 credits (90 contact hours).

Attributes: Technical

Components: LAB: Laboratory

HRT 210 (4 credit hours)

Landscape Design

Introduces the basic principles and practices of landscape design including the use of drawing equipment. Topics include the creation of design symbols and the development of a client needs and site analysis plan. Emphasis is placed on the ability to read landscape drawings and install plants from the design plan. Lecture: 4 credits (60 contact hours).

Attributes: Technical

Components: LEC: Lecture

HRT 240 (4 credit hours)

Greenhouse Management

Topics include the identification and function of a plant's leaves, roots and stems; as well as identifying major plant processes and sexual reproduction parts. The 16 essential elements and how they affect plant growth are discussed. Identification of diseases, insects and plant disorders in the greenhouse are included. Development of growing schedules for the following crops are completed: poinsettias, chrysanthemums, Easter lilies, bedding plants and hanging baskets. Injectors are calibrated using various fertilizer and chemical ratios. Pre-requisite/

Co-requisite: HRT 140

Attributes: Technical

Components: LEC: Lecture

HRT 241 (2 credit hours)

Greenhouse Management Lab

This course is an introduction to the tools, equipment, procedures, supplies and safety issues related to greenhouse management. Other tasks are assigned as the season dictates. Lab: 2 credits (90 contact hours).

Pre- or co-requisite: HRT 240.

Attributes: Technical

Components: LAB: Laboratory