Horticulture Course Outline

Introductory Horticulture Unit 1

Exploring the Horticulture Field

Horticulture Careers

Plant Taxonomy & Classification

Plant Science Unit 2a

Plant Anatomy

Roots

Stems

Leaves

Flowers

Plant Physiology

Environment Requirements for Plant Growth

Growing Media

Plant Nutrients

Plant Growth Stimulants/Hormones/Retardants

Plant Propagation Unit 3

Sexual Reproduction

Cuttings

Separation and Division

Grafting

Budding

Layering

Greenhouse Management Unit 4

Raising Poinsettias

Greenhouse Structures

Holiday Crafts Unit 5

Christmas Wreaths

Holiday Centerpieces

Integrated Pest Management Unit 6

IPM

The Safe Use of Pesticides

Applying Pesticides

Identifying Pests in the Greenhouse

Using Plants in a Landscape Unit 7

Elements of Landscape Design

Annual Bedding Plants

Perennials

Trees/Shrubs

Pruning

Vegetable/Fruit Production Unit 8

Creating a Vegetable Garden

Creating a Fruit Garden

Floral Design Unit 9

Fresh Cut Flowers

Centerpieces

One-sided Arrangements

Corsages & Boutonnieres