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