

## ORNH - Ornamental Horticulture Courses

### ORNH B1 Introduction to Ornamental Horticulture

3 units

**Description:** General course in environmental horticulture with emphasis on nursery operations, landscaping, turf management, and floral industries including; basic botany, cultural practices, propagation, structures and layout, pest management, planting, container gardening and houseplants, floral design, plant identification, turf grass installation and care, and survey of career opportunities. Lab required. Field trips required.

**Hours:** 36 lecture, 54 lab

**Transferable:** CSU and private colleges.

### ORNH B2 Fundamentals of Nursery Management and Plant Production

3 units

**Recommended:** BC placement into reading level 06 and writing level 06.

**Description:** This is an introductory class in nursery business operations, skills, and processes appropriate to the horticulture industry in California. Emphasis will be placed upon laws/regulations, record keeping, budgeting, computer skills, professional organizations, cooperatives, merchandising, salesmanship, and communications. Propagation media, nursery designs, propagation, structures, seedage, cuttage, plant structure, rooting aids, transplanting, stepping up, and potting will be covered.

**Hours:** 36 lecture, 54 lab

**Transferable:** CSU and private colleges.

### ORNH B3 Landscape Installation and Maintenance

3 units

**Recommended:** BC placement into reading level 06 and writing level 06.

**Description:** Enhancing the function and aesthetic value of public and private landscapes by applying appropriate installation and maintenance techniques in Kern County and California. Topics include; sustainability, planting, pruning, watering, soil fertility, pest management, weed control, and landscape maintenance business practices. Lab required.

**Hours:** 36 lecture, 54 lab

**Transferable:** CSU and private colleges.

### ORNH B4 Plant Propagation

3 units

**Recommended:** BC placement into reading level 06 and writing level 06.

**Description:** Principles of sexual propagation, seedage, and asexual propagation, budding, grafting, cuttings, layering, division and separation. Principles of tissue culture.

**Hours:** 36 lecture, 54 lab

**C-ID:** AG+EH 116

**Transferable:** CSU and private colleges.

### ORNH B6 Ornamental Plant Identification-Ground Covers, Vines, and Dwarf Shrubs

3 units

**Description:** Identification, habits of growth, culture and landscape use of dwarf shrubs, vines, ground covers, annuals, and seasonal plants, adapted to the Central Valley of California and the surrounding regions. Covers those plants best observed and studied in the fall of the year. Plant materials from local regions will also be included. Plants emphasized will come from the current

California Association of Nurseries & Garden Centers (CANGC) and Professional Landcare Network (PLANET) Certification Tests Plant Lists. Lab required. Field trips required.

**Hours:** 36 lecture, 54 lab

**C-ID:** AG+EH 108

**Transferable:** CSU, UC, and private colleges

### ORNH B7 Ornamental Plant Identification-Large Shrubs, Small Trees, Large Trees, and Palms

3 units

**Description:** Identification, habits of growth, culture and landscape use of large shrubs, small trees, large trees and palms adapted to the Central Valley of California and the surrounding mountains.

Covers those plants best observed and studied in the spring of the year. Plant materials from local regions will also be included. Plants emphasized will come from the current California Association of Nurseries & Garden Centers (CANGC) and National Association of Landscape Professionals (NALP) Certification Tests Plant Lists.

**Hours:** 36 lecture, 54 lab

**C-ID:** AG+EH 112

**Transferable:** CSU, UC, and private colleges

### ORNH B8 Introduction to Landscape Design

3 units

**Recommended:** BC placement into reading level 06 and writing level 06.

**Description:** The study and implementation of the art and science of landscape design, including principles of design, the design process, drafting, graphics, and presentation methods. Project emphasis is placed upon residential and small commercial sites. Course includes introduction to computer landscape design software programs. Lab required.

**Hours:** 36 lecture, 54 lab

**Transferable:** CSU and private colleges.

### ORNH B9 Introduction to Tree Care and Urban Forestry

3 units

**Description:** Principles about urban forestry, arboriculture careers, and tree care; Including tree biology, tree identification, plant health care, soils, nutrition, planting, worker safety, climbing, pruning, tree care tools and equipment. This course provides the knowledge necessary to be successful in the tree care profession.

This course prepares the student to obtain a Certified Arborist designation through the International Society of Arboriculture. Field trips may be required.

**Hours:** 54 lecture

**Transferable:** CSU and private colleges.

### ORNH B36 Beginning Floral Design

3 units

**Description:** Introduction to the fundamentals of theory, techniques and skills currently practiced in the floral industry. Includes applied art principles, cut flower care, handling practices, proper use of florist tools and materials, pricing of floral products and use of current floral business technology. Includes constructing corsages, floral arrangements, and foliage plant items, which meet floral industry standards.

**Hours:** 36 lecture, 54 lab

**Transferable:** CSU and private colleges; BC GE C.1

**ORNH B48WE Occupational Work Experience Education/  
Internship***1-8 units***Recommended:** Declared major or occupational goal and evaluation of student's qualifications and objectives.**Description:** College credit for ornamental horticultural related learning experiences obtained on the job in accordance with a training plan developed cooperatively between the employer, college, and student. Occupational work experience credit may accrue at the rate of 1 to 8 units per semester for a total of sixteen units, and students must work 75 paid hours or 60 non-paid hours per unit. Repetition allowed per Title 5 55253.**Hours:** Non-paid 60 hours for each 1 unit (60 - 480). Paid 75 hours for each 1 unit (75 - 600).**Transferable:** CSU and private colleges.