

HORT 91F: FINE GARDENING

Foothill College Course Outline of Record

Heading	Value
Units:	1.5
Hours:	12 lecture, 18 laboratory per quarter (30 total per quarter)
Advisory:	Completion of or concurrent enrollment in HORT 52C strongly advised.
Degree & Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Student Learning Outcomes

- Esthetically prune garden plant material.
- Prepare a maintenance plan for a garden.

Description

Techniques and skills necessary to maintain fine gardens, including planting, pruning, pest control, irrigation management and seasonal cultural activities. Development of skills for small and large sites beyond turf management and standard pruning techniques. Targeted at shrubs, annuals, perennials, decorative grasses, cacti/succulents and other small ornamental plants.

Course Objectives

The student will be able to:

- Develop plan for maintenance of a garden.
- Identify equipment and tools necessary to maintain a garden.
- Review plant anatomy and physiology.
- Describe pruning and care techniques for garden plants.
- Describe management techniques for turf.
- Describe garden pest control.
- Maintain garden irrigation systems.

Course Content

- Develop plan for maintenance of a garden.
 - Identify necessary maintenance tasks.
 - List operations required for maintenance of various plants.
 - Develop a schedule for maintaining a garden.
- Identify equipment and tools necessary to maintain a garden.
 - Identify required hand tools for garden maintenance.
 - Identify power tools used in garden maintenance.
 - Demonstrate safe operation of tools and equipment.
- Review plant anatomy and physiology.
 - Describe plant growth.
 - Identify condition of plants.
 - Describe what actions are necessary to maintain plant health.
- Describe pruning and care techniques for garden plants.
 - Perform pruning and maintenance techniques on plant material.
 - Shrubs.
 - Perennials.
 - Decorative grasses.

- Succulents.
 - Annuals.
 - Tropical and container plants.
- Perform additional necessary garden maintenance tasks.
 - Irrigation.
 - Fertilization and soil amendment.
 - Pest control.
 - Describe management techniques for turf.
 - Identification of turf problems.
 - Performance of turf care.
 - Mowing.
 - Irrigation.
 - Fertilization.
 - Thatch management.
 - Describe garden pest control.
 - Identify garden weed, insect and disease problems.
 - Describe pest control using natural methods and Integrated Pest Management (IPM).
 - Describe other pest control methods.
 - Maintain garden irrigation systems.
 - Identify types of irrigation systems and components used in gardens.
 - Identify problems with irrigation systems.
 - Troubleshoot and repair garden irrigation systems.

Lab Content

- Identification of pruning equipment.
- Reviewing safety procedures.
- Reviewing plant anatomy and physiology.
- Performing gardening activities.

Special Facilities and/or Equipment

- Classroom with multi-media equipment.
- Gardens to observe plant material.
- Storage for tools.
- Waste disposal area, composting area.

Method(s) of Evaluation

Methods of Evaluation may include but are not limited to the following:

- Completing written exams.
- Writing tree evaluations.
- Completing fine gardening exercises.
- Performing practical reviews in lab.

Method(s) of Instruction

Methods of Instruction may include but are not limited to the following:

- Listening to lectures by instructor.
- Listening to presentations by guest speakers.
- Discussing issues with groups of classmates.
- Writing plant care reports.
- Taking field trips to view gardens in live situations.
- Performing tasks in lab.

Representative Text(s) and Other Materials

Easton, Valerie, and Jacqueline Knox. [The New Low Maintenance Garden](#). Portland, OR: Timber Press, 2009.

Although this text is older than five years, it is a seminal garden maintenance book with currently used procedures.

Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments

- A. Reading 20-30 pages from assigned reading per week.
- B. Writing plant evaluations.
- C. Writing garden maintenance plans.
- D. Reviewing handouts and information from websites.

Discipline(s)

Ornamental Horticulture