

HORT 26: PLANT MATERIALS: PERENNIALS & ANNUALS

Foothill College Course Outline of Record

| Heading | Value |
|------------------------------------|---|
| Units: | 2 |
| Hours: | 2 lecture per week (24 total per quarter) |
| Advisory: | Completion of or concurrent enrollment in HORT 15 strongly recommended; not open to students with credit in HORT 51H. |
| Degree & Credit Status: | Degree-Applicable Credit Course |
| Foothill GE: | Non-GE |
| Transferable: | CSU/UC |
| Grade Type: | Letter Grade Only |
| Repeatability: | Not Repeatable |

Student Learning Outcomes

- Students will be able to prepare a design or plant walk using annuals and perennials.
- Identify perennials and annuals presented by botanical and common names.
- Compare and contrast perennials and annuals features and cultural need.

Description

Identification, taxonomy, habits of growth, cultural and environmental requirements of herbaceous plants grown in California. Emphasis on the use and maintenance of significant perennial and annual species with significant features such as flower and foliage displays. Plants are observed via media and physical observation.

Course Objectives

The student will be able to:

- Recall the botanical and common names of at least 100 annuals and perennials and the terms used for plant identification.
- Recall the appearance and adaptation and use of at least 100 annuals and perennials.
- Compare and contrast annuals and perennials features and cultural needs in different landscape situations.
- Identify how the plants can be used in the landscape.
- Recognize the variety of ways annuals and perennials are utilized by cultures around the world.

Course Content

- Review of botanical and horticultural names of covered plants and the terms necessary for plant identification.
- Detailed appearance of 100 or more annuals and perennials from around the U.S. and world, including identification of the following characteristics:
 - Leaf type
 - Fruit
 - Bark
 - Form

- Growth habit
- Identify the cultural practices related to successful plant growth.
 - Planting
 - Disease and insect pest control
 - Propagation
 - Pruning
 - Adaptation
 - Sun/shade
 - Soil type
 - Moisture requirements
 - Soil pH
 - Pest harboring
- Relationship of plants covered in the course to landscape design practices, including:
 - Color
 - Form
 - Texture
 - Line
 - Edible
 - Functional concerns
 - Aesthetic uses
 - Wildlife value
 - Poisonous
- Discussion of how plants can be used for different purposes by other cultures.

Lab Content

Not applicable.

Special Facilities and/or Equipment

None.

Method(s) of Evaluation

- Identification quizzes
- Written midterm exam on use of plants in design situations
- Written final exam on use of plants in design situations

Method(s) of Instruction

- Field observation of plants.
- Lectures on plant characteristics.
- Discussions regarding use and care of plants.
- Assigned reading activities.
- Self-guided research.

Representative Text(s) and Other Materials

Sunset. *Sunset Western Garden Book*. 9th ed. Menlo Park, CA: Sunset Publishing Company, 2012.

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

Typical reading assignments will include researching up to 15 plant species per week (approximately 20 pages of reading) in representative texts. Reading assignments will also include review of Foothill Hort Plant Database.

Discipline(s)

Ornamental Horticulture