

CUYAMACA COLLEGE
COURSE OUTLINE OF RECORD

ORNAMENTAL HORTICULTURE 180 – PLANT MATERIALS: ANNUALS AND PERENNIALS

3 hours lecture, 3 units

Catalog Description

Identification, cultural requirements, and landscape value of common annuals and perennials used as bedding plants, annual color, and in the commercial floral industry.

Prerequisite

None

Course Content

- 1) Introduction to plant identification methods
- 2) Principles of plant taxonomy and botanical nomenclature
- 3) Presentation of 125 annuals and perennials (8-10 plants are presented each week and students are responsible for learning the identification, characteristics, botanical and common name, cultural characteristics and uses)

Course Objectives

Students will be able to:

- 1) Correctly spell the botanical and common name of 125 annuals and perennials based on nomenclature method and correctly identify by sight each plant presented.
- 2) Compare and contrast the growth characteristics, cultural needs, and appropriate uses for plants presented in class.
- 3) Correctly select plants fitting pre-selected use criteria utilizing characteristics and requirements learned in class.

Method of Evaluation

A grading system will be established by the instructor and implemented uniformly. Grades will be based on demonstrated proficiency in subject matter determined by multiple measurements for evaluation, one of which must be essay exams, skills demonstration or, where appropriate, the symbol system.

- 1) Quizzes and exams that measure students' ability to correctly identify annual and perennial plants by providing both botanical and common names.
- 2) Exercises or assignments that demonstrate students' ability to organize data and information collected for 125 plants in a useful format for later reference and future study.

Special Materials Required of Student

None

Minimum Instructional Facilities

- 1) Smart classroom
- 2) Field site with access to annuals and perennials

Method of Instruction

- 1) Lecture
- 2) Films
- 3) Field trips

Out-of-Class Assignments

- 1) Reading assignments
- 2) Complete a Plant Information Notebook which includes 125 plants covered in class

Texts and References

- 1) Required (representative example): Brenzel, ed. *The New Sunset Western Garden Book: The Ultimate Gardening Guide*. 9th edition. Oxmoor House, 2012.
- 2) Supplemental: None

Student Learning Outcomes

Upon successful completion of this course, students will be able to:

- 1) Based on nomenclature method, correctly spell the botanical and common name of 30 out of a possible 125 trees and shrubs presented, and identify them by sight
- 2) Describe the important cultural characteristics of 30 out of a possible 125 trees and shrubs