

Course Outline of Record

1. Course Code: NR-041B
2.
 - a. Long Course Title: Native Plants - Desert
 - b. Short Course Title: NATIVE PLANTS/DESERT
3.
 - a. Catalog Course Description:
 This course is designed to introduce students to the identification of desert native plants in the Coachella Valley and surrounding desert areas. Both annuals and perennials (shrubs and trees) are included, with an emphasis placed on desert annuals when they are available. Two Saturday field trips are required.
 - b. Class Schedule Course Description:
 Emphasis will be on the identification of desert native plants in the Coachella Valley and surrounding desert areas.
 - c. Semester Cycle (if applicable): Offered every Spring
 - d. Name of Approved Program(s):
 - NATURAL RESOURCES-x
4. Total Units: 1.00 Total Semester Hrs: 18.00
 Lecture Units: 1 Semester Lecture Hrs: 18.00
 Lab Units: 0 Semester Lab Hrs: 0
 Class Size Maximum: 22 Allow Audit: No
 Repeatability No Repeats Allowed
 Justification 0
5. Prerequisite or Corequisite Courses or Advisories:
Course with requisite(s) and/or advisory is required to complete Content Review Matrix (CCForm I-A)
N/A
6. Textbooks, Required Reading or Software: (List in APA or MLA format.)
 - a. Morhardt, S. & E. (2004). California Desert Flowers University of California Press. ISBN: 0-520-24003-0
 College Level: Yes
 Flesch-Kincaid reading level: 11
7. Entrance Skills: *Before entering the course students must be able:*
8. Course Content and Scope:

Lecture:

1. Introduction to plant classification
 1. General introduction
 2. Binomial nomenclature
 3. Review of available references
2. Plant identification techniques
 1. Identification by sight
 2. Pictorial keys
 3. Dichotomous keys
 4. Review of available references
3. Identification of 40-45 desert native plants.
 1. Desert trees and shrubs (perennials)
 2. Desert annuals, as available
4. Major, local, plant communities

NR 041B-Native Plants - Desert

Lab: (if the "Lab Hours" is greater than zero this is required)

9. Course Student Learning Outcomes:

1. Be able to recognize by sight a minimum of 26 desert native plant species and describe the associated plant Family characteristics.

10. Course Objectives: *Upon completion of this course, students will be able to:*

- a. identify by sight, approximately 40 species of desert native plants.
- b. describe major plant communities observed, including dominant plants.
- c. demonstrate an understanding of basic principles of plant identification and taxonomy.
- d. take field notes and use a field guide.
- e. Note: Normally, annuals will be emphasized, except in dry years when perennials may become the focus of this course. Due to variations in plant species each year, this course may be repeated for credit one time.

11. Methods of Instruction: *(Integration: Elements should validate parallel course outline elements)*

- a. Activity
- b. Clinical
- c. Discussion
- d. Experiential
- e. Individualized Study
- f. Journal
- g. Laboratory
- h. Lecture
- i. Observation
- j. Participation
- k. Supplemental/External Activity
- l. Technology-based instruction

12. Assignments: *(List samples of specific activities/assignments students are expected to complete both in and outside of class.)*

In Class Hours: 18.00

Outside Class Hours: 36.00

a. Out-of-class Assignments

1. Take comprehensive notes during lecture and field trips
2. Prepare a notebook for the class
3. Be expected to identify native plants by sight during examinations
4. Prepare a taxonomic checklist of assigned plant species
5. Write one-two pages profile of a native plant species

b. In-class Assignments

-

13. Methods of Evaluating Student Progress: *The student will demonstrate proficiency by:*

- Written homework
- Guided/unguided journals
- Term or research papers
- Field/physical activity observations
- Self/peer assessment and portfolio evaluation
- True/false/multiple choice examinations
- Student participation/contribution

14. Methods of Evaluating: Additional Assessment Information:

15. Need/Purpose/Rationale -- *All courses must meet one or more CCC missions.*

PO - Career and Technical Education

Fulfill the requirements for an entry- level position in their field.

Apply critical thinking skills to execute daily duties in their area of employment.

Exhibit effective written, oral communication and interpersonal skills.

16. Comparable Transfer Course

University System	Campus	Course Number	Course Title	Catalog Year
-------------------	--------	---------------	--------------	--------------

17. Special Materials and/or Equipment Required of Students:

18. Materials Fees: Required Material?

Material or Item	Cost Per Unit	Total Cost
------------------	---------------	------------

19. Provide Reasons for the Substantial Modifications or New Course:

This course is due for periodic review.

20. a. Cross-Listed Course (*Enter Course Code*): *N/A*
 b. Replacement Course (*Enter original Course Code*): *N/A*

21. Grading Method (*choose one*): Pass/No Pass Optional

22. MIS Course Data Elements

- a. Course Control Number [CB00]: CCC000310884
- b. T.O.P. Code [CB03]: 11500.00 - Natural Resources
- c. Credit Status [CB04]: D - Credit - Degree Applicable
- d. Course Transfer Status [CB05]: B = Transfer CSU
- e. Basic Skills Status [CB08]: 2N = Not basic skills course
- f. Vocational Status [CB09]: Possibly Occupational
- g. Course Classification [CB11]: Y - Credit Course
- h. Special Class Status [CB13]: N - Not Special
- i. Course CAN Code [CB14]: *N/A*
- j. Course Prior to College Level [CB21]: Y = Not Applicable
- k. Course Noncredit Category [CB22]: Y - Not Applicable
- l. Funding Agency Category [CB23]: Y = Not Applicable
- m. Program Status [CB24]: 1 = Program Applicable

Name of Approved Program (*if program-applicable*): *N/A*

Attach listings of Degree and/or Certificate Programs showing this course as a required or a restricted elective.)

23. Enrollment - Estimate Enrollment

First Year: 0
 Third Year: 0

24. Resources - Faculty - Discipline and Other Qualifications:

- a. Sufficient Faculty Resources: Yes
- b. If No, list number of FTE needed to offer this course: *N/A*

25. Additional Equipment and/or Supplies Needed and Source of Funding.

N/A

26. Additional Construction or Modification of Existing Classroom Space Needed. (*Explain:*)

N/A

27. FOR NEW OR SUBSTANTIALLY MODIFIED COURSES

Library and/or Learning Resources Present in the Collection are Sufficient to Meet the Need of the Students Enrolled in the Course: No

28. Originator Kurt Leuschner Origination Date 01/04/11