

COLLEGE OF THE DESERT

Course Code NR-041A

Course Outline of Record

1. Course Code: NR-041A
2. a. Long Course Title: Native Plants - Mountain
b. Short Course Title: NATIVE PLANTS/MOUNTAIN
3. a. Catalog Course Description:
This course is designed to introduce students to the identification of mountain native plants above 4,000 feet. Emphasis is placed on mountain trees and shrubs. Two Saturday field trips are required. Students may choose the Pass/No Pass grading option.
b. Class Schedule Course Description:
This course is designed to introduce students to the identification of mountain native plants above 4,000 feet. Emphasis is placed on mountain trees and shrubs. Two Saturday field trips are required. Students may choose the Pass/No Pass grading option.
c. Semester Cycle (if applicable): *N/A*
d. Name of Approved Program(s):
 - DESERT ECOLOGIST Certificate of Achievement
 - FIELD RANGER Certificate of Achievement
 - NATURAL RESOURCES AS Degree for Employment Preparation
 - NATURAL RESOURCES AS Degree and Transfer Preparation
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. Recommended: Rundel, P. (2005). *Introduction to the Plant Life of Southern California* California Natural History Guides.
College Level: Yes
Flesch-Kincaid reading level: 12
 - b. Dole, Jim and Rose, Betty (1996). *An Amateur Botanists Identification Manual for the Shrubs and Trees of the Southern California Coastal Region and Mountains* Footloose Press.
College Level: Yes
Flesch-Kincaid reading level: 12
7. Entrance Skills: *Before entering the course students must be able:*
8. Course Content and Scope:

Lecture:

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| <ol style="list-style-type: none">1. Introduction to plant classification<ol style="list-style-type: none">1. General introduction2. Binomial nomenclature3. Review of available references2. Plant identification techniques<ol style="list-style-type: none">1. Identification by sight |
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NR 041A-Native Plants - Mountain

2. Pictorial keys
3. Dichotomous keys
4. Review of available references
3. Identification of 40-45 mountain native plants.
 1. Mountain trees and shrubs (perennials) will be emphasized
 2. Mountain annuals, as available
4. Major, local, plant communities

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

9. Course Student Learning Outcomes:

1.
Recognize by sight a minimum of 26 native plant species.
2.
Describe the basic family characteristics of our local native plants.
3.
Synthesize and analyze research regarding an assigned local species.

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

- a. Identify by sight, approximately 40 species of mountain 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.

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. Technology-based instruction
- l. Tutorial

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. Prepare a notebook for the class.
2. Be expected to identify native plants by sight during examinations.
3. Prepare a taxonomic checklist of assigned plant species.
4. Write one-two pages profile of a native plant species.

b. In-class Assignments

1. Take comprehensive notes during lectures and field trips
2. Be expected to identify native plants by sight during examinations

- 3. Prepare a taxonomic checklist of assigned plant species
- 4. Write a one to two page profile of a native plant species

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.

IO - Personal and Professional Development

Self-evaluate knowledge, skills, and abilities.

Value diverse cultures and populations.

16. Comparable Transfer Course

University System	Campus	Course Number	Course Title	Catalog Year
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17. Special Materials and/or Equipment Required of Students:

18. Materials Fees: Required Material?

Material or Item	Cost Per Unit	Total Cost
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19. Provide Reasons for the Substantial Modifications or New Course:

Update textbook and SLOs

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]: CCC000312647
- 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

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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): DESERT ECOLOGIST, FIELD RANGER, NATURAL RESOURCES, NATURAL RESOURCES

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: Yes

28. Originator Kurt Leuschner Origination Date 11/22/16