

Course Outline of Record

1. Course Code: NR-058
2.
  - a. Long Course Title: Reptiles of the Coachella Valley
  - b. Short Course Title: REPTILES COAC.VALLEY
3.
  - a. Catalog Course Description:  
 This course provides students with a general overview of reptile life in the Coachella Valley region. Emphasis will be placed on the identification, family characteristics, and natural history of 26 local species. Two Saturday field trips are required.
  - b. Class Schedule Course Description:  
 This course provides students with a general overview of reptile life in the Coachella Valley region. Emphasis will be placed on the identification, family characteristics, and natural history of local species. Two field trips are required.
  - c. Semester Cycle (if applicable): Fall
  - d. Name of Approved Program(s):
    - DESERT ECOLOGIST Certificate of Achievement
    - FIELD RANGER Certificate of Achievement
    - NATURAL RESOURCES AS Degree for Employment 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: 24      Allow Audit: Yes  
 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 (CCForm1-A)*  
*N/A*
6. Textbooks, Required Reading or Software: (List in APA or MLA format.)
  - a. Stebbins, Robert (2012). *Field Guide to Amphibians and Reptiles of California* (Revised Edition/e). Berkeley, California University of California Press. ISBN: 978-0-520-270  
 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 reptile classification with emphasis on the family level
  1. General introduction
  2. Binomial nomenclature
2. Reptile identification techniques
  1. Proper use of equipment in the field
  2. Identification by sight using field marks
  3. Interpreting range maps
  4. Study skins
  5. Use and review of available references.
3. Conservation issues involving reptiles in the Coachella Valley region.
4. Identification and natural history of 26 local reptile species.

# NR 058-Reptiles of the Coachella Valley

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 reptile species.
2.  
Describe basic reptile family characteristics.
3.  
Synthesize and analyze research regarding an assigned reptile species.

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

- a. Identify by sight 26 species of reptiles that occur in the Coachella Valley
- b. Using field marks, classify reptiles taxonomically into distinct family groupings.
- c. Demonstrate an understanding of conservation issues surrounding local reptiles.
- d. Use a field guide and take field notes.
- e. Properly use optical equipment in the field, e.g. binoculars, spotting scope.

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

- a. Discussion
- b. Individualized Study
- c. Journal
- d. Lecture
- e. Observation
- f. Technology-based instruction

Other Methods:

a.Multimedia presentation: powerpoint,computer b.Lectures c.Classroom discussion d.Field trips to local sites e.Demonstration of field note-taking
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## 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. In-class Assignments

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| 1. Take comprehensive notes during lecture and field trips.<br>2. Prepare a notebook for the class.<br>3. Be expected to identify 26 local reptiles by sight during examination. |
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### b. Out-of-class Assignments

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| 1. Prepare a notebook for the class.<br>2. Be expected to identify 26 local reptiles by sight.<br>3. Write a two page research paper on a local reptile. |
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## 13. Methods of Evaluating Student Progress: *The student will demonstrate proficiency by:*

- Guided/unguided journals  
Students will learn to take proper field notes and turn in their field notebooks on the last day.
- Term or research papers  
Students will write a two page research paper on a local reptile species.
- Field/physical activity observations  
Two field trips to local wilderness areas are an essential part of this class

# NR 058-Reptiles of the Coachella Valley

- Presentations/student demonstration observations  
Students will briefly present information from their research papers to the class during the last meeting
- Mid-term and final evaluations  
Final will consist of the identification and family characteristics of 26 local reptile species
- Other  
a. Student notebooks, including field trip notes and sketches will be evaluated b. Class Participation c. Species profile/research paper d. Reptile identification exam of 26 species including family characteristics.

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.

IO - Critical Thinking and Communication

Apply standard conventions in grammar, mechanics, usage and punctuation.

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:

Binoculars useful but not required.

18. Materials Fees:  Required Material?

**Material or Item**

**Cost Per Unit**

**Total Cost**

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

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]: CCC000534660
- 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*): DESERT ECOLOGIST, FIELD RANGER, NATURAL RESOURCES

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

# NR 058-Reptiles of the Coachella Valley

23. Enrollment - Estimate Enrollment

First Year: 24

Third Year: 24

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.

Nothing extra needed at this time.

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 11/09/16