Course Information

Division: Science
Course Number: BIO 101C
Title: Natural History of the Gila Valley
Credits: 1
Developed by: Michael McCarthy
Lecture/Lab Ratio: 1 Lecture/0 Lab
Transfer Status: BIO Dept Elective  Elective Credit  Elective Credit
Activity Course: Yes
CIP Code: 26.0100
Assessment Mode: Portfolio
Semester Taught: Upon Request
GE Category: None
Separate Lab: No
Awareness Course: No
Intensive Writing Course: No

Prerequisites
None

Educational Value
Develop a general understanding of the natural history of the Gila Valley.

Description
Students will see the geologic and climatic forces that have created the environment of the Gila Valley. Students will identify strategies that plants and animals use to survive in the desert environment.

Supplies
Composition book for journal
Competencies and Performance Standards

1. Identify three different kinds of desert plants from the Gila Valley.
   
   **Learning objectives**
   
   *What you will learn as you master the competency:*
   
   a. The variety of desert plants that make up the natural history of the Gila Valley.
   
   **Performance Standards**
   
   *Competence will be demonstrated:*
   
   o by completion of an oral quiz
   
   *Criteria - Performance will be successful when:*
   
   o learner identifies three different kinds of desert plants from the Gila Valley

2. Name three different prehistoric Native American cultures who occupied the Gila Valley.
   
   **Learning objectives**
   
   *What you will learn as you master the competency:*
   
   a. The different prehistoric Native American cultures that occupied the Gila Valley.
   
   **Performance Standards**
   
   *Competence will be demonstrated:*
   
   o by completion of an oral quiz
   
   *Criteria - Performance will be successful when:*
   
   o learner names three different prehistoric Native American cultures that occupied the Gila Valley

3. Recognize the climatic factors impacting all life in the Gila Valley.
   
   **Learning objectives**
   
   *What you will learn as you master the competency:*
   
   a. To recognize the climatic factors that impact all life in the Gila Valley.
   
   **Performance Standards**
   
   *Competence will be demonstrated:*
   
   o by completion of an oral quiz
   
   *Criteria - Performance will be successful when:*
   
   o learner recognizes the climatic factors that impact all life in the Gila Valley

Types of Instruction

Lecture - 50%
Field trips - 50%
Grading Information

Grading Rationale
Students will be graded on performance of the listed competencies at each of the field trips and attendance in the class.

Grading Scale
A  Perfect attendance at each section of the class and/or correctly demonstrating each of the criteria listed
B  Attendance at 3 of the 4 sections of the class and/or correctly demonstrating 2 of the 3 criteria listed
C  Attendance at 2 of the 4 sections of the class and/or correctly demonstrating 1 of the 3 criteria listed
D  Attendance at 1 of the 4 sections of the class and/or correctly demonstrating 1 of the 3 criteria listed
F  Attendance at 1 of the 4 sections of the class and/or not correctly demonstrating any of the listed criteria