EASTERN ARIZONA COLLEGE

Desert Survival

Course Design

2016-2017

Course Information

Division          Science
Course Number     BIO 101A
Title             Desert Survival
Credits           1
Developed by      Michael McCarthy
Lecture/Lab Ratio 1 Lecture/0 Lab
Transfer Status

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<th>ASU</th>
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<th>UA</th>
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<tr>
<td>Elective Credit</td>
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<td>Non Transferable</td>
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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
For students interested in the knowledge and techniques necessary for desert survival.

Description
Students will learn the conditions of a desert environment that make it so dangerous. They will become acquainted with techniques to survive in this harsh environment.

Supplies
Survival kit supplies
Competencies and Performance Standards

1. List the environmental factors that affect individuals in the desert.
   
   **Learning objectives**
   What you will learn as you master the competency:
   a. List environmental factors that affect individuals in the desert habitat.
   b. Make decisions that will aid in surviving an emergency situation in the desert.

   **Performance Standards**
   Competence will be demonstrated:
   o by completion of an oral quiz
   Criteria – Performance will be satisfactory when:
   o learner can list three factors that affect the individual in the desert

2. Demonstrate the use of everyday objects to help survive a desert emergency situation.
   
   **Learning objectives**
   What you will learn as you master the competency:
   a. Identify everyday objects that can be used to help survive in an emergency situation.

   **Performance Standards**
   Competence will be demonstrated:
   o by completion of an oral quiz
   Criteria - Performance will be satisfactory when:
   o learner can demonstrate the use of everyday objects to help survive a desert emergency situation

3. Demonstrate three ways to signal for assistance.
   
   **Learning objectives**
   What you will learn as you master the competency:
   a. Demonstrate ways to signal for assistance.

   **Performance Standards**
   Competence will be demonstrated:
   o by completion of an oral quiz
   Criteria - Performance will be satisfactory when:
   o learner can demonstrate three ways to signal for assistance

4. Retrieve water from plants using a plastic bag.
   
   **Learning objectives**
   What you will learn as you master the competency:
   a. Use a plastic bag to retrieve water from a plant.

   **Performance Standards**
   Competence will be demonstrated:
   o by completion of an oral quiz
   Criteria - Performance will be satisfactory when:
   o learner can demonstrate how to retrieve water from a plant using a plastic bag
**Types of Instruction**
Lecture
Field trips

**Grading Information**

**Grading Rationale**
Students will be graded on performance of listed competencies at each of the field trips.

**Grading Scale**

A  Student correctly completes each of the criteria listed.
B  Student correctly completes 3 of the 4 criteria listed.
C  Student correctly completes 2 of the 4 criteria listed.
D  Student correctly completes 1 of the 4 criteria listed.
F  Student does not correctly complete any of the listed criteria.