

CATALOG INFORMATION

Dept and Nbr: ADLTED 532 Title: AC SKLS/GED PREP/SCI 2
Full Title: Basic Academic Skills and GED Preparation--Science 2
Last Reviewed: 11/13/2017

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	0	Lecture Scheduled	0	6	Lecture Scheduled	0
Minimum	0	Lab Scheduled	3.00	3	Lab Scheduled	18.00
		Contact DHR	0		Contact DHR	0
		Contact Total	3.00		Contact Total	18.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 0.00

Total Student Learning Hours: 18.00

Title 5 Category: Non-Credit
Grading: Non-Credit Course
Repeatability: 27 - Exempt From Repeat Provisions
Also Listed As:
Formerly:

Catalog Description:
Instruction and individualized learning plans are provided for preparation for the GED and other High School Equivalency (HSE) tests. Course also provides academic skills development in preparation for: credit science courses; Career Technical Education (CTE) classes; and Basic Academic Skills Certificate of Completion. Second level of science course covers Earth and Space Science, as determined through initial assessment.

Prerequisites/Corequisites:

Recommended Preparation:

Limits on Enrollment:

Schedule of Classes Information:
Description: Instruction and individualized learning plans are provided for preparation for the GED and other High School Equivalency (HSE) tests. Course also provides academic skills development in preparation for: credit science courses; Career Technical Education (CTE) classes; and Basic Academic Skills Certificate of Completion. Second level of science course

covers Earth and Space Science, as determined through initial assessment. (Non-Credit Course)

Prerequisites/Corequisites:

Recommended:

Limits on Enrollment:

Transfer Credit:

Repeatability: Exempt From Repeat Provisions

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	Area	Effective:	Inactive:
CSU GE:	Transfer Area	Effective:	Inactive:
IGETC:	Transfer Area	Effective:	Inactive:
CSU Transfer:		Effective:	Inactive:
UC Transfer:		Effective:	Inactive:

CID:

Certificate/Major Applicable:

Certificate Applicable Course

COURSE CONTENT

Student Learning Outcomes:

At the conclusion of this course, the student should be able to:

1. Demonstrate comprehension of basic academic, workplace, and recreational reading of science through discussion and/or brief written responses
2. Demonstrate expanded scientific vocabulary through discussion and/or brief written responses
3. Describe common concepts in Earth and Space Science

Objectives:

Upon completion of the course, students will be able to:

1. Describe and explain key concepts in the Earth and Space Science.
2. Analyze graphs and charts related to the Earth and Space Science.
3. Study for the GED or other HSE tests.

Topics and Scope:

- I. Earth's Place in the Universe
 - A. The Big Bang Theory
 - B. Stars and elements
 - C. The sun
 - D. The solar system
 - E. The planets
 - F. The history of planet earth
 - G. Earth's surface
- II. Earth's Systems
 - A. The carbon cycle

- B. The hydrosphere
- C. Weather
- D. The lithosphere
- E. Interaction of earth's systems
- III. Earth and Human Activity
 - A. Climate and weather
 - B. Climate change and human activity
 - C. Maintaining a healthy planet
- IV. GED Practice Test
 - A. Multiple Choice
 - B. Extended Response Questions

Assignment:

1. Reading from assigned shorter texts, magazines, newspapers, software applications, and job-related materials focusing on scientific texts
2. Instructor-designed exercises and practice quizzes (4 - 6)
3. Scientific calculation problems (4 - 6)
3. Practice exam

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None	Writing 0 - 0%
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Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Scientific calculation problems	Problem solving 10 - 20%
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Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

None	Skill Demonstrations 0 - 0%
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Exams: All forms of formal testing, other than skill performance exams.

Practice exam; quizzes	Exams 70 - 80%
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Other: Includes any assessment tools that do not logically fit into the above categories.

Class participation	Other Category 10 - 20%
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Representative Textbooks and Materials:

Instructor prepared materials

McGraw-Hill Education Science Workbook for the GED Test. McGraw-Hill Education. 2015

Kaplan GED Test Science 2015: Strategies, Practice, and Review. Van Slyke, Caren. Kaplan Publishing. 2015

Ciencias. Steck-Vaughn GED: Test Preparation 2014 for GED Science. Spanish Student Edition. Houghton Mifflin Harcourt. 2014