

Course Outline of Record

1. Course Code: ABE-348C
2.
 - a. Long Course Title: Earth Science
 - b. Short Course Title: EARTH SCIENCE
3.
 - a. Catalog Course Description:
 This course is designed to provide students with the basic knowledge of science as related to themselves and their range of experiences. Students study the earth's land, water and air. Fields of focus are geology, oceanography, meteorology and astronomy.
 - b. Class Schedule Course Description:
 Students will study the earth's land, water and air. Fields of focus are geology, oceanography, meteorology and astronomy.
 - c. Semester Cycle (if applicable): N/A
 - d. Name of Approved Program(s):
 - SECONDARY EDUCATION (High School Diploma)
4. Total Units: 0 Total Semester Hrs: 90.00
 Lecture Units: 0 Semester Lecture Hrs: 0
 Lab Units: 0 Semester Lab Hrs: 90.00
 Class Size Maximum: 50 Allow Audit: No
 Repeatability Repeatable 3 Times
 Justification Noncredit course
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. Marshall, R., Jacobs, D., Roskopf, A., LaRue, C. (2004). General Science Circle Pines, MN AGS Publishing..
 College Level: Yes
 Flesch-Kincaid reading level: 9.2
7. Entrance Skills: *Before entering the course students must be able:*
8. Course Content and Scope:
 Lecture:
 Lab: (if the "Lab Hours" is greater than zero this is required)

1. Describing the Earth
 2. Minerals & Rocks
 3. Minerals & Rocks
 4. The Earth's Water
 5. The Earth's Atmosphere
 6. Weather and Climate
 7. The Solar System
9. Course Student Learning Outcomes:
 1. Identify basic principles of geology, oceanography, meteorology, and astronomy.

2. Recognize the interrelationship of human activity and the universe.

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

- a. Give examples of mechanical and chemical weathering
- b. To identify forces that causes mountains to form
- c. To describe the movement of water through the water cycle
- d. To explain what weather is
- e. To identify objects of the solar system

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

a. Individualized Study

Other Methods:

Individual, independent work on a self-paced program

12. Assignments: *(List samples of specific activities/assignments students are expected to complete both in and outside of class.)*

In Class Hours: 90.00

Outside Class Hours: 0

a. In-class Assignments

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b. Out-of-class Assignments

- 1. Lesson review
- 2. Vocabulary development
- 3. Mastery review
- 4. Careers and issues in science

13. Methods of Evaluating Student Progress: *The student will demonstrate proficiency by:*

- Self-paced testing
- True/false/multiple choice examinations
- Mid-term and final evaluations

14. Methods of Evaluating: Additional Assesment Information:

15. Need/Purpose/Rationale -- *All courses must meet one or more CCC missions.*

PO-BS Independent Study Skills

Recognize that the responsibility for learning and growth is their own.

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:

Calculator

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:

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 Only

22. MIS Course Data Elements

- a. Course Control Number [CB00]: CCC000521643
- b. T.O.P. Code [CB03]: 493062.00 - Secondary Education (Grad
- c. Credit Status [CB04]: N - Noncredit
- d. Course Transfer Status [CB05]: C = Non-Transferable
- e. Basic Skills Status [CB08]: 1B = Course is a basic skills course
- f. Vocational Status [CB09]: Not Occupational
- g. Course Classification [CB11]: K - Other Noncredit Enhanced Funding
- 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]: C - Elementary and Secondary Basic Skills
- l. Funding Agency Category [CB23]: Y = Not Applicable
- m. Program Status [CB24]: 1 = Program Applicable

Name of Approved Program (*if program-applicable*): SECONDARY EDUCATION (High School Diploma)
Attach listings of Degree and/or Certificate Programs showing this course as a required or a restricted elective.)

23. Enrollment - Estimate Enrollment

First Year: 25
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 Tyrone Thomas Origination Date 10/01/14