

ABE 351A: MARINE SCIENCE

Originator

Ty Thomas

Justification / Rationale

Updating textbook. Change course title and modify catalog description.

Effective Term

Fall 2020

Credit Status

Noncredit

Subject

ABE - Adult Basic Education

Course Number

351A

Full Course Title

Marine Science

Short Title

MARINE SCIENCE

Discipline**Disciplines List**

Interdisciplinary-Basic Skills: Noncredit

Modality

Face-to-Face

Catalog Description

This high school level course provides the study and understanding of the ocean. Students will investigate the scientific world of ocean organisms and its physical characteristics. Science concepts such as plate tectonics, food and energy transfer and the properties of water will be comprehensively explained.

Schedule Description

Students will get a unique and fresh perspective on the ocean, its inhabitants and its processes.

Non-credit Hours

80

Lecture Units

0

Lab Units

0

In-class Hours

0

Out-of-class Hours

0

Total Course Units

0

Total Semester Hours

0

Required Text and Other Instructional Materials

Resource Type

Book

Author

Meghan E Marrero, Ed.D. Glen Schuster, M.S.

Title

Marine Science, The Dynamic Ocean

Edition

First

City

Rye, New York

Publisher

Pearson

Year

2012

College Level

No

Flesch-Kincaid Level

11.7

ISBN #

978-0-13-319217-9

For Text greater than five years old, list rationale:

This is inline with our requirements. There "may" be a newer version next year but we couldn't wait on a "maybe". Other's were very old.

Class Size Maximum

50

Course Content

1. Bird Adaptations
2. Amphibians
3. Conservation
4. Water Reptiles
5. Water Environments
6. Fish

Course Objectives

	Objectives
Objective 1	Give examples of adaptations in diverse marine ecosystems.
Objective 2	Give examples of how tides affect marine organisms.
Objective 3	Identify the different marine ecosystems.
Objective 4	Compare and contrast the characteristics of marine reptiles and birds.
Objective 5	Discuss human impacts on the ocean and how they can be detected by satellite imagery.

Student Learning Outcomes

Upon satisfactory completion of this course, students will be able to:

Outcome 1	Recognize and understand the history, evolution, environmental conditions, ecosystems and resources of oceans and marine life.
Outcome 2	List and categorize water life animals.

Methods of Instruction

Method	Please provide a description or examples of how each instructional method will be used in this course.
Individualized Study	Students read, take notes at their own pace and their own methods.

Methods of Evaluation

Method	Please provide a description or examples of how each evaluation method will be used in this course.	Type of Assignment
Tests/Quizzes/Examinations	Topic exams and CASAS testing	In Class Only
Self-paced testing	Study notes, Topic reviews, flash cards	In and Out of Class
Mid-term and final evaluations	No Final exam. Grade is the accumulation of total work passed/completed.	In Class Only

Assignments
Other In-class Assignments

- No assignment, but Flash Cards are available as a resource.

Other Out-of-class Assignments

1. Lesson review
2. Vocabulary development
3. Mastery review

Grade Methods

Pass/No Pass Only

MIS Course Data
CIP Code

53.0201 - High School Equivalence Certificate Program.

TOP Code

493062 - High School Diploma Program/GED

SAM Code

E - Non-Occupational

Basic Skills Status

Basic Skills

Prior College Level

Not applicable

Cooperative Work Experience

Not a Coop Course

Course Classification Status

Other Non-credit Enhanced Funding

Approved Special Class

Not special class

Noncredit Category

Elem/Secondary Basic Skills

Funding Agency Category

Not Applicable

Program Status

Program Applicable

Transfer Status

Not transferable

Allow Audit

No

Repeatability

Yes

Repeatability Limit

NC

Repeat Type

Noncredit

Justification

Non Credit

Materials Fee

No

Additional Fees?

No

Approvals**Curriculum Committee Approval Date**

2/20/2020

Academic Senate Approval Date

2/27/2020

Board of Trustees Approval Date

3/20/2020

Chancellor's Office Approval Date

4/28/2020

Course Control Number

CCC000221003

Programs referencing this courseAdult High School Diploma (<http://catalog.collegeofthedesert.eduundefined?key=188/>)