

# ABE 348A: LIFE SCIENCE

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**Originator**

cmcguire

**Co-Contributor(s)****Name(s)**

McGuire, Cheryl

**Justification / Rationale**

Add online component  
Add textbook's ISBN number

**Effective Term**

Fall 2022

**Credit Status**

Noncredit

**Subject**

ABE - Adult Basic Education

**Course Number**

348A

**Full Course Title**

Life Science

**Short Title**

LIFE SCIENCE

**Discipline****Disciplines List**

Interdisciplinary-Basic Skills: Noncredit

**Modality**

Face-to-Face  
100% Online

**Catalog Description**

This course is designed to provide students with the basic knowledge of science as related to all living things. Students study animals, plants, the human body, ecology, heredity and evolution.

**Schedule Description**

Students study animals, plants, the human body, ecology, heredity and evolution.

**Non-credit Hours**

80

**Lecture Units**

0

**Lab Units**

0

**In-class Hours**

80

**Out-of-class Hours**

0

**Total Course Units**

0

**Total Semester Hours**

80

**Override Description**

Noncredit

**Required Text and Other Instructional Materials****Resource Type**

Book

**Author**

Marshall, R., Jacobs, D., Rosskopf, A., LaRue, C.

**Title**

General Science

**City**

Circle Pines, MN

**Publisher**

AGS Publishing.

**Year**

2004

**College Level**

No

**Flesch-Kincaid Level**

9.2

**ISBN #**

978-078-5436461

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**For Text greater than five years old, list rationale:**

The general and fundamental science presented in this textbook has not changed.

**Class Size Maximum**

50

**Course Content**

1. Living things are alike
2. The body's control systems
3. Ecology
4. Heredity and evolution
5. Classifying animals
6. Meeting the body's basic needs
7. Classifying plants

**Course Objectives**

	Objectives
Objective 1	Compare how plants and animals get food, move, and respond
Objective 2	Identify the human body systems
Objective 3	Describe how traits are passed from parent to offspring

- Objective 4 Describe how pollution affects ecosystems
- Objective 5 Explain the reproduction and growth of plants and animals

### Student Learning Outcomes

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

- Outcome 1 Classify all living things: humans, animals, and plants.

### Methods of Instruction

Method	Please provide a description or examples of how each instructional method will be used in this course.
Individualized Study	Textbooks are provided in class, online, and at the reference desk at the COD library. Students read, take notes at their own pace, with their own methods, and when ready, they test.

### 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	When the class is face-to-face, 100% of text reading, study, and topic exams happens in class. When the class is 100% online, 100% of text reading, study, and exams are done outside of class; testing is online. In either mode, tests are immediately graded.	In and Out of Class

### Assignments

#### Other In-class Assignments

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

#### Other Out-of-class Assignments

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

#### Grade Methods

Pass/No Pass Only

### Distance Education Checklist

### Instructional Materials and Resources

If you use any other technologies in addition to the college LMS, what other technologies will you use and how are you ensuring student data security?

N/A

### Effective Student/Faculty Contact

Which of the following methods of regular, timely, and effective student/faculty contact will be used in this course?

#### Within Course Management System:

- Discussion forums with substantive instructor participation
- Online quizzes and examinations
- Private messages
- Regular virtual office hours
- Timely feedback and return of student work as specified in the syllabus
- Weekly announcements

**External to Course Management System:**

Direct e-mail  
Posted audio/video (including YouTube, 3cm mediasolutions, etc.)  
Teleconferencing  
Telephone contact/voicemail

**Briefly discuss how the selected strategies above will be used to maintain Regular Effective Contact in the course.**

Students have access to the instructor through discussion forums, weekly virtual office hours (morning and evening), private virtual office hours by appointment, Canvas email, direct email, zoom teleconferencing, and personal telephone when necessary. Additional discussion boards are attached to short subject videos.

**Other Information****Provide any other relevant information that will help the Curriculum Committee assess the viability of offering this course in an online or hybrid modality.**

The students enrolled in the Adult Basic Education High School or GED noncredit programs are most often working adults supporting families. The online version allows these students, who would otherwise find it difficult to attend scheduled in-class time slots, to continue their education. In this way, they can accommodate their educational goals during the hours that suit them best, while also meeting the needs of family and work schedules. There has been a noticeable jump in Course Completions (completed courses) since the online option became available.

**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

**General Education Status**

Y = Not applicable

**Support Course Status**

N = Course is not a support course

**Allow Audit**

No

**Repeatability**

Yes

**Repeatability Limit**

NC

**Repeat Type**

Noncredit

**Justification**

Noncredit

**Materials Fee**

No

**Additional Fees?**

No

**Approvals****Curriculum Committee Approval Date**

11/02/2021

**Academic Senate Approval Date**

11/11/2021

**Board of Trustees Approval Date**

12/17/2021

**Course Control Number**

CCC000333172

**Programs referencing this course**

Adult High School Diploma (<http://catalog.collegeofthedesert.eduundefined/?key=188>)