

ABE 346A: ALGEBRA I

Originator

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

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Justification / Rationale

Add online component.

Effective Term

Fall 2022

Credit Status

Noncredit

Subject

ABE - Adult Basic Education

Course Number

346A

Full Course Title

Algebra I

Short Title

ALGEBRA I

Discipline**Disciplines List**

Mathematics-Basic Skills: Noncredit

ModalityFace-to-Face
100% Online**Catalog Description**

This course provides basic algebra skills including simple equations, use of formulas, exponents and factoring. Self-instructional material allows self-paced study.

Schedule Description

Write, evaluate, and solve algebraic equations, coefficients, integers and monomials. Students receive a Pass/No Pass grade mark.

Non-credit Hours

80

In-class Hours

80

Total Course Units

0

Total Semester Hours

80

Override Description

Noncredit

Required Text and Other Instructional Materials

Resource Type

Book

Author

Steck-Vaughn

Title

Working with Numbers: Algebra

Publisher

Steck-Vaughn

Year

2002

College Level

No

Flesch-Kincaid Level

12

ISBN

ISBN-13: 978-0739835432 ISBN-10: 9780739835432

For Text greater than five years old, list rationale:

The mathematical concepts in the book have not changed.

Class Size Maximum

50

Course Content

1. Use of the equation
2. Exponents, monomials, binomials and factoring
3. Quadratic equations

Course Objectives

Objectives	
Objective 1	Demonstrate knowledge of basic formulas
Objective 2	Solve basic equations
Objective 3	Demonstrate use of monomials, binomials, exponents and factoring
Objective 4	Solve quadratic equations

Student Learning Outcomes

Upon satisfactory completion of this course, students will be able to:	
Outcome 1	Use algebraic formulas to solve problems.

Methods of Instruction

Method	Please provide a description or examples of how each instructional method will be used in this course.
Individualized Study	Each student will work in his assigned workbook at an assigned time with supervision or study independently with assistance if necessary.
Laboratory	Through Zoom classes

Other (Specify)

Each student is required to complete all assigned workbook exercises and tests.

Methods of Evaluation

Method	Please provide a description or examples of how each evaluation method will be used in this course.	Type of Assignment
Self-paced testing	Students are given math equations to answer and students will be evaluated on accuracy and approach to solving the problem.	In Class Only
Other	a. Workbook exercise tests b. Passing score of 80% or better	In Class Only

Assignments
Other In-class Assignments

Workbook and sheets

Other Out-of-class Assignments
Grade Methods

Pass/No Pass Only

Distance Education Checklist
Lab Courses
From the COR list, what activities are specified as lab, and how will those be monitored by the instructor?

Students' math problems will be reviewed and feedback will be given to students. Instructors will monitor student progress throughout the semester.

Instructional Materials and Resources
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
 Video or audio feedback

External to Course Management System:

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

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

tudents have access to the instructor through private virtual office hours by appointment, Canvas email, direct email, and telephone when necessary. The instructor will use the methodology that works best for each student to keep them engaged and moving forward.

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 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 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

27.0101 - Mathematics, General.

TOP Code

170100 - Mathematics, General

SAM Code

E - Non-Occupational

Basic Skills Status

Basic Skills

Prior College Level

Four levels below transfer

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

Program Status

Program Applicable

Transfer Status

Not transferable

Allow Audit

No

Repeatability

Yes

Repeatability Limit

NC

Repeat Type

Noncredit

Justification

Noncredit course

Materials Fee

No

Additional Fees?

No

Approvals**Curriculum Committee Approval Date**

11/18/2021

Academic Senate Approval Date

12/09/2021

Board of Trustees Approval Date

01/21/2022

Chancellor's Office Approval Date

03/08/2013

Course Control Number

CCC000122075

Programs referencing this courseAdvanced Math Certificate of Completion (<http://catalog.collegeofthedesert.eduundefined/?key=165>)Adult High School Diploma (<http://catalog.collegeofthedesert.eduundefined/?key=188>)