ABE 342A: PRACTICAL BASIC MATH I

Originator

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Co-Contributor(s)

Name(s)
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Justification / Rationale

online component

Effective Term

Fall 2022

Credit Status

Noncredit

Subject

ABE - Adult Basic Education

Course Number

342A

Full Course Title

Practical Basic Math I

Short Title

PRACTICAL BASIC MATH I

Discipline

Disciplines List
Mathematics-Basic Skills: Noncredit

Modality

Face-to-Face
100% Online

Catalog Description

This course provides practical math skills from basic computation to simple equations. Self-instructional materials allow self-paced study.

Schedule Description

Each page is a separate lesson that deals with a single skill. The book allows the adult learner to act as their own teacher so he/she can progress at their own rate. Students receive a Pass/No Pass grade mark.

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
Shea, James T.

Title
Basic Essentials of Math, Book One

City
Austin, TX

Publisher
Steck-Vaughn Co.

Year
1991

College Level
No

Flesch-Kincaid Level
5.1

For Text greater than five years old, list rationale:
The basic essential skills related to math have not changed.

Class Size Maximum
50

Course Content
1. Problems by addition, subtraction, multiplication, and division of whole numbers, decimals and fractions.

Course Objectives

	Objectives
Objective 1	Read whole numbers
Objective 2	Apply rules of addition, subtraction, multiplication, and division
Objective 3	Develop practical skills to be used in everyday problem solving
Objective 4	Utilize mental math shortcuts to mathematical problems
Objective 5	Use a calculator for estimating answers.

Student Learning Outcomes

	Upon satisfactory completion of this course, students will be able to:
Outcome 1	GIVE EXAMPLES OF THE ABILITY TO PERFORM BASIC OPERATIONS OF ADDITION, SUBTRACTION, MULTIPLICATION, AND DIVISION OF WHOLE NUMBERS, DECIMALS, AND FRACTIONS.

Methods of Instruction

Method	Please provide a description or examples of how each instructional method will be used in this course.
Individualized Study	students work on problems
Lecture	Courses online through Zoom
Other (Specify)	a. Work in assigned workbook b. Study independently with assistance if necessary

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	tests taken on Canvas	In Class Only
Other	Successful completion of exams with a score of at least 80% accuracy	In Class Only

Assignments

Other In-class Assignments
a. Complete work sheets associated with textbooks
b. Complete progress quizzes

Other Out-of-class Assignments
Complete workbook pages

Grade Methods
Pass/No Pass Only

Distance Education Checklist

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
Synchronous audio/video

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 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
Six 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

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
Noncredit

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
08/17/2011

Course Control Number
CCC000312041

Programs referencing this course

Advanced Math Certificate of Completion (http://catalog.collegeofthedesert.eduundefined/?key=165)
Basic Math Certificate of Completion (http://catalog.collegeofthedesert.eduundefined/?key=167)
Adult High School Diploma (http://catalog.collegeofthedesert.eduundefined/?key=188)