

ABE 342B: PRACTICAL BASIC MATH II

Originator

aairhart

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

Santucci, Allyson

Justification / Rationaleadd online component
Update ISBN Numbers**Effective Term**

Fall 2022

Credit Status

Noncredit

Subject

ABE - Adult Basic Education

Course Number

342B

Full Course Title

Practical Basic Math II

Short Title

PRACTICAL BASIC MATH II

Discipline**Disciplines List**

Mathematics-Basic Skills: Noncredit

ModalityFace-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

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 Two

City

Austin, TX

Publisher

Steck-Vaughn Co.

Year

1991

College Level

No

Flesch-Kincaid Level

7.9

ISBN #

ISBN-10 : 0811446697 ISBN-13 : 978-0811446693

For Text greater than five years old, list rationale:

The essential math skills in taught in this book have not changed.

Class Size Maximum

50

Course Content

1. Reading a ruler
2. Figuring compound interest
3. Problems of measure, including metrics
4. Problems using common formulas and estimating answers

Course Objectives

	Objectives
Objective 1	Read and write fractions, decimals, and percents
Objective 2	Solve math problems by using decimals, fractions and percentages
Objective 3	Apply standard and metric measures
Objective 4	Use common formulas to solve mathematical equations.

Student Learning Outcomes

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

Outcome 1 Give examples of the ability to interchange, convert, and apply basic formulas and solve geometry and algebra problems using fractions, decimals, and percentages.

Methods of Instruction

Method	Please provide a description or examples of how each instructional method will be used in this course.
Individualized Study	Students are required to practice math problems in the book.
Laboratory	Students will have a chance in the lab to discuss and go over math problems with instructor. Face to face or online Zoom classes.
Other (Specify)	a. Work in assigned workbook at an assigned time with supervision, or 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	Students will work through math problems from book and worksheet.	In Class Only
Other	Successful completion of exams with a score of at least 80% accuracy	In Class Only

Assignments

Other In-class Assignments

- Complete work sheets associated with textbooks
- Complete progress quizzes

Other Out-of-class Assignments

Complete pages in math book.

Grade Methods

Pass/No Pass Only

Distance Education Checklist

Lab Courses

How will the lab component of your course be differentiated from the lecture component of the course?

n/a

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

this is a lab class

How will you assess the online delivery of lab activities?

Through graded quizzes.

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:

- 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
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 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

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

CCC000310275

Programs referencing this courseAdvanced Math Certificate of Completion (<http://catalog.collegeofthedesert.eduundefined/?key=165>)Basic Math Certificate of Completion (<http://catalog.collegeofthedesert.eduundefined/?key=167>)Secondary Education (GED) Certificate of Completion (<http://catalog.collegeofthedesert.eduundefined/?key=169>)Adult High School Diploma (<http://catalog.collegeofthedesert.eduundefined/?key=188>)