

ABE 344B: MATH FOR LIVING II

Originator

airhart

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

344B

Full Course Title

Math for Living II

Short Title

MATH FOR LIVING II

Discipline**Disciplines List**

Mathematics-Basic Skills: Noncredit

Modality

Face-to-Face

100% Online

Catalog Description

The course helps students to apply the concepts of basic math skills to everyday life situations.

Schedule Description

The course helps students to apply the concepts of basic math skills to everyday life situations.

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

Howett, J.

Title

Number Power 2

City

Chicago, Illinois

Publisher

NTC/Contemporary Publishing Group Inc.

Year

2000

College Level

No

Flesch-Kincaid Level

12

ISBN

ASIN : B0029PPIHO

For Text greater than five years old, list rationale:

The basic math skills taught in this textbook have not changed.

Class Size Maximum

50

Course Content

1. Driving a Car: Buying or Leasing a Car; Financing; Depreciation; Insurance; Maintenance
2. Paying Taxes: Federal withholding; Income reports; 1040EZ; Tax tables; 1040A Adjusted; 1040A Taxable; Sales; Excise
3. Costs of Building and/or Owning a Home: Down Payment; Closing Costs; Mortgages; Property Insurance

Course Objectives

Objectives	
Objective 1	Apply problem-solving strategies to mathematical word problems.
Objective 2	Differentiate between necessary and wasteful use of the calculator.
Objective 3	Project outcomes of complex equations.
Objective 4	Solve equations by applying learned strategies.

Student Learning Outcomes

Upon satisfactory completion of this course, students will be able to:	
Outcome 1	Apply mathematical operations, formulas, and rules to solve equations and word problems in association to buying a car, purchasing a home, and paying taxes.

Methods of Instruction

Method	Please provide a description or examples of how each instructional method will be used in this course.
Laboratory	Students work together with students on every day math problems. online through Zoom classes

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 answer every day math word problems and check answers.	In Class Only
Other	a. Successful completion of material b. Tests c. Skill and computation demonstration.	In Class Only

Assignments
Other In-class Assignments

-

Other Out-of-class Assignments

a. Complete assigned worksheets and/or pages from book b. Complete progress quizzes and tests

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?

Class is all lab.

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

Instructor will work together with students to solve every day math problems.

How will you assess the online delivery of lab activities?

Through Canvas 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:

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.

If interacting with students outside the LMS, explain how additional interactions with students outside the LMS will enhance student learning.

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.

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.

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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

Five 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

non credit

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

CCC000089412

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>)

Secondary Education (GED) Certificate of Completion (<http://catalog.collegeofthedesert.eduundefined/?key=169>)

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