

MATHNC-1: BASIC MATHEMATICS

Justification for this inactivation request

This course has not been offered in over three years. We will consider offering this course in the future if there is staffing and need.

Effective Term

Fall 2026

CC Approval

08/22/2025

AS Approval

10/09/2025

BOT Approval

10/16/2025

COCI Approval

02/23/2026

SECTION A - Course Data Elements

Send Workflow to Initiator

No

CB04 Credit Status

Noncredit

CB22 Noncredit Category

Elementary and Secondary Basic Skills

Discipline

Minimum Qualifications	And/Or
Learning Disabilities: Specialist (Master's Degree)	

Subject Code

MATHNC

Course Number

1

Department

Learning Skills

Division

Language and Developmental Studies (LADS)

Full Course Title

Basic Mathematics

Short Title

Basic Mathematics

CB03 TOP Code

4930.32 - Learning Skills, Learning Disabled

CB08 Basic Skills Status

BS - Basic Skills

CB21 Prior Transfer Level

C - Three levels below transfer

CB09 SAM Code

E - Non-Occupational

SECTION B - Course Description**Catalog Course Description**

Designed for the student for whom traditional mathematics instruction has not been successful. Individualized, self-paced instruction in whole numbers and fractions. Not open to students who have received a Cr or a grade of C or better in other mathematics courses without assessment. Pass/no pass grading; open entry/open exit.

SECTION C - Conditions on Enrollment**Open Entry/Open Exit**

Yes

Repeatability

Unlimited - Noncredit OR Work Experience Education

Grading Options

No Grade-Noncredit

Allow Audit

Yes

Requisites**SECTION D - Course Standards****Is this course variable hour?**

Yes

Total Instructional Hours

36

Total Instructional Hours Maximum

72

Distance Education Approval**Is this course offered through Distance Education?**

Yes

Online Delivery Methods

DE Modalities	Permanent or Emergency Only?
Entirely Online	Permanent
Hybrid	Permanent
Online with Proctored Exams	Permanent

SECTION E - Course Content**Student Learning Outcomes**

Upon satisfactory completion of the course, students will be able to:	
1.	Students will demonstrate an increased confidence in their math ability.
2.	Students will demonstrate a working knowledge of computers and the Internet necessary for completing math modules/units.
3.	Students will demonstrate a working knowledge of operations with fractions necessary for success in future math classes.

Course Objectives

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

1. Add, subtract, multiply and divide whole numbers and fractions.

Course Content

1. Fractions
 - a. Find the factors of a number and the prime factorization of a number
 - b. Find the greatest common factor of a group of numbers
 - c. Identify proper and improper fractions (and mixed numbers)
 - d. Write improper fractions and mixed numbers/whole numbers and write mixed numbers and improper fractions/whole numbers
 - e. Simplify fractions and build fractions
 - f. Interpret and find equivalent fractions and compare fractions
 - g. Multiply and divide fractions
 - h. Operate with mixed fractions
 - i. Simplify complex fractions
 - j. Solve word problems involving fractions

Methods of Instruction**Methods of Instruction**

Types	Examples of learning activities
Lab	Students use a computer during class time. Math concepts are presented in this multi-media format and students also work practice problems in the same interactive format.
Lecture	Group lectures - instructor will give mini lectures on math topics covered in math modules. These lectures make only a portion of class time. Individualized tutoring - As students work on their math (computer and handwritten assignments), the instructor and instructional assistants will tutor individual students or small group of students on a difficult math concept, as needed.

Online Adaptation

Types	Examples of learning activities
Activity	
Directed Study	
Discussion	
Group Work	
Individualized Instruction	
Journal	
Lecture	

Instructor-Initiated Online Contact Types

Announcements/Bulletin Boards
 Chat Rooms
 Discussion Boards
 E-mail Communication
 Telephone Conversations
 Video or Teleconferencing

Student-Initiated Online Contact Types

Chat Rooms
 Discussions
 Group Work

Course design is accessible

Yes

Methods of Evaluation

Methods of Evaluation

Types	Examples of classroom assessments
Exams/Tests	Module exams will be given after each lesson in a module of instruction.
Quizzes	Chapter quizzes will be given throughout each lesson in a module of instruction.

Assignments

Reading Assignments

Students will read examples and explanations from the text and from the computer presentation.

Writing Assignments

Students are required to complete practice exercises on the math skills in assigned modules.

SECTION F - Textbooks and Instructional Materials

Material Type

Textbook

Author

Goetz, Brian/Smith, Graham/Tobey, John

Title

Basic Mathematics

Publisher

Pearson

Year

2011

SECTION G - Diversity, Equity and Inclusivity

Course Codes (Admin Only)

CB00 State ID

CCC000606365

CB10 Cooperative Work Experience Status

N - Is Not Part of a Cooperative Work Experience Education Program

CB11 Course Classification Status

K - Other Noncredit Enhanced Funding

CB13 Special Class Status

S - The Course is an Approved Special Class

CB23 Funding Agency Category

Y - Not Applicable (Funding Not Used)

CB24 Program Course Status

Not Program Applicable

Allow Pass/No Pass

No

Only Pass/No Pass

No