

MATHN 600 - Basic Mathematics Course Outline

Approval Date: 04/11/2019

Effective Date: 08/12/2019

SECTION A

Unique ID Number CCC000606365

Discipline(s) Special Education

Division Mathematics

Subject Area Math-Noncredit

Subject Code MATHN

Course Number 600

Course Title Basic Mathematics

TOP Code/SAM Code 493040 - Computational Skills / E -

Catalog 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.

Schedule Description

SECTION D

Condition on Enrollment

1a. **Prerequisite(s):** *None*

1b. **Corequisite(s):** *None*

1c. **Recommended:** *None*

1d. **Limitation on Enrollment:** *None*

SECTION E

Course Outline Information

1. Student Learning Outcomes:

A. A. Students will demonstrate an increased confidence in their math ability. B. Students will demonstrate a working knowledge of computers and the Internet necessary for completing math modules/units. C. Students will demonstrate a working knowledge of operations with fractions necessary for success in future math classes.

2. Course Objectives: Upon completion of this course, the student will be able to:

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

B.

3. Course Content

Fractions

-Find the factors of a number and the prime factorization of a number

-Find the greatest common factor of a group of numbers

-Identify proper and improper fractions (and mixed numbers)

-Write improper fractions and mixed numbers/whole numbers and write mixed numbers and improper fractions/whole numbers

-Operate with mixed fractions

-Simplify complex fractions

-Solve word problems involving fractions

4. Methods of Instruction:

Lab:

CB08 Basic Skills Status:	B - Basic Skills
CB10 Course COOP Work Exp-ED:	NCOOP = Not part of Coop Work Exp
CB11 Course Classification Status:	K = Other Noncredit Enhanced Funding
CB13 Special Class Status:	S - Approved Special Class for Disabled Students
CB21 Prior Transfer Level:	C - Three levels below transfer
CB22 Noncredit Category:	C - Elementary and Secondary Basic Skills
CB23 Funding Agency Category:	Y - Not Applicable
CB24-Program Course Status:	2 = Stand-alone