

# MATHNC-30: SUPERVISED MATH TUTORING

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**Effective Term**

Fall 2025

**CC Approval**

03/07/2025

**AS Approval**

03/13/2025

**BOT Approval**

03/20/2025

**COCI Approval**

04/03/2025

## SECTION A - Course Data Elements

**CB04 Credit Status**

Noncredit

**CB22 Noncredit Category**

Elementary and Secondary Basic Skills

**Discipline**

Minimum Qualifications	And/Or
Mathematics (Master's Degree)	

**Subject Code**

MATHNC - Mathematics Noncredit

**Course Number**

30

**Department**

Mathematics (MATH)

**Division**

Mathematics (MATH)

**Full Course Title**

Supervised Math Tutoring

**Short Title**

Supervised Math Tutoring

**CB03 TOP Code**

1701.00 - Mathematics, General

**CB08 Basic Skills Status**

NBS - Not Basic Skills

**CB09 SAM Code**

E - Non-Occupational

**Rationale**

Course updated due to renumbering.

## SECTION B - Course Description

### Catalog Course Description

This course provides support for math skills under the supervision of the Math Success Center via online modules, directed activity, discussion boards and other tutoring activities.

## 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?

No

### Total Instructional Hours

18

## 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

## SECTION E - Course Content

### Student Learning Outcomes

Upon satisfactory completion of the course, students will be able to:	
1.	Demonstrate increased knowledge of mathematical concepts.

### Course Objectives

Upon satisfactory completion of the course, students will be able to:	
1.	Demonstrate improved math foundational skills in areas such as factoring, graphing, solving equations, and the analysis of data.
2.	Recognize how class resources such as notes, videos, textbook, calculators, graphing software and written materials can be effective tools in learning mathematics.
3.	Recognize how to develop effective math study skills and increase self-efficacy to support success in course completion.

### Course Content

Using a just-in-time support model approach, content will be covered as needed for student success. Each tutoring session will help students meet their goals to be successful in their current coursework. Additional content includes learning modules and discussion boards.

Math Success Center Topics include, but are not limited to, the following modules and areas of study:

1. Module: Prepare for Math 106 Quizzes
  - a. Quiz 1: Functions
  - b. Quiz 2: Polynomials
  - c. Quiz 3: Logarithms
  - d. Quiz 4: Rational Functions
2. Generate and Analyze Graphs
3. Solve Applications Problems
4. Implement Computational Procedures
5. Write Mathematical Proofs
6. Study Skills for Math

## Methods of Instruction

### Methods of Instruction

Types	Examples of learning activities
Activity	
Directed Study	
Discussion	
Individualized Instruction	

### 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
Oral Presentations	Students will demonstrate their understanding of a math concept by explaining how they worked through a specific problem.
Simulation	Students will work through similar examples with a tutor to provide evidence of their understanding of the problem.

## Assignments

### Course Codes (Admin Only)

#### ASSIST Update

No

#### CB00 State ID

CCC000651494

#### CB10 Cooperative Work Experience Status

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

#### CB11 Course Classification Status

L - Non-Enhanced Funding

**CB13 Special Class Status**

N - The Course is Not 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