

MATHNC-30: SUPERVISED MATH TUTORING

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