

# MATH C080N: MATH CENTER

Item	Value
Curriculum Committee Approval Date	04/22/2022
Top Code	493009 - Supervised Tutoring
Units	0 Total Units
Hours	9 Total Hours (Lecture Hours 9)
Total Outside of Class Hours	0
Course Credit Status	Noncredit (N)
Material Fee	No
Basic Skills	Basic Skills (B)
Repeatable	Yes; Repeat Limit 99
Open Entry/Open Exit	Yes
Grading Policy	P/NP/SP Non-Credit (D)

## Course Description

A course designed for students from any referring course throughout the college who seek development and strengthening of mathematical skills. Noncredit. NOT DEGREE APPLICABLE. Not Transferable.

## Course Level Student Learning Outcome(s)

1. Describe strategies to reduce class and test anxiety.
2. Identify one study strategy to increase course success.

## Course Objectives

- 1. Identify and apply different approaches to solving math problems in the referring course.
- 2. Use classroom and outside materials to practice math problem solving.
- 3. Assess and interpret challenging course content from academic classes.

## Lecture Content

Academic course material interpretation Specific topics related to referring course content Specific materials related to referring course Study and computer-related strategies Textbook studying Problem-solving techniques Note-taking Test-taking techniques Websites related to referring course material Websites related to studying referring course material Mathematics assignment support Strategies for critical reading in math Strategies for solving a math problem Self-confidence Growth mindset Importance of success in coursework Importance of success in college

## Method(s) of Instruction

- Enhanced NC Lect (NC1)
- Online Enhanced NC Lect (NC5)
- Live Online Enhanced NC Lect (NC9)

## Instructional Techniques

A. Work in groups B. Individualized instruction C. Work on computer

## Reading Assignments

Directed Learning Activities; completion of assignments from the referring course.

## Writing Assignments

Directed Learning Activities; completion of assignments from the referring course.

## Out-of-class Assignments

Directed Learning Activities; completion of assignments from the referring course.

## Demonstration of Critical Thinking

Student demonstrates, either orally or in writing, that critical thinking was used in solving Math problems.

## Required Writing, Problem Solving, Skills Demonstration

Student demonstrates, either orally or in writing, that problem solving and other Math skills were applied.

## Eligible Disciplines

Mathematics: Master's degree in mathematics or applied mathematics OR bachelor's degree in either of the above AND master's degree in statistics, physics, or mathematics education OR the equivalent. Master's degree required.

## Other Resources

1. Students will use textbook(s) in the referring course(s). 2. Coastline Library