

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
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: Masters degree in mathematics or applied mathematics OR bachelors degree in either of the above AND masters degree in statistics, physics, or mathematics education OR the equivalent. Masters degree required.

Other Resources

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