MATH 290C : Senior Project/Internship

Serves as the capstone course for the Associate in Science in Mathematics Degree, in which the student will demonstrate the application of the knowledge gained throughout the program. This will be achieved either by an independent study investigating mathematics, physics, and/or engineering topics selected by the student with guidance from their program advisor or through participation in an internship with an approved industry partner. The student will submit a written paper and make an oral presentation of the project/internship in a student seminar.

Credits 4

Lab/Practicum/Clinical Hours 12

Lecture Hours 0

Prerequisites

All MATH courses with grades of C or higher and the approval of the department chair. Only offered in the final semester of the Mathematics program.

Learning Outcomes

- Identify, discuss, and analyze mathematical and physical theories relevant to STEM.
- Demonstrate technical proficiency and effective problem-solving ability in completing mathematical processes.
- Communicate mathematics in both oral and written formats using appropriate mathematical language.
- Use logical reasoning and mathematical proof to justify results.
- Apply mathconcepts to other disciplines including business, economics, social sciences, and natural sciences.