

# SCI 295EN : Introduction to STEM Research in Engineering

SCI 295EN Introduction to STEM Research in Engineering (variable 1-3 credits) offers a research experience in engineering, which emphasizes the application of the scientific method to a specific engineering project. Repeatable for up to 6 credits. (3 hours cooperative education/work (COOP) experience per week per credit)

**Credits** 1-3

## **Recommended Preparation**

Completion of an engineering or physics lab course as stipulated by the instructor.

## **Prerequisites**

Instructor consent.

## **Course Outcomes**

- Use research and technology skills to access information from multiple sources.
- Design and implement a plan to solve a specific STEM-based research project
- Collect, analyze and interpret data generated by the selected research project.
- Communicate conclusions in written and/or oral form.