



THE OHIO STATE UNIVERSITY
COLLEGE OF ENGINEERING

Studies in Engineering for In-Service Teachers

ENGR 6892.01

Credit Hours:

1.00 - 1.00

Course Levels:

Graduate

Course Components:

Workshop

Lecture

Course Description:

In-Service Teachers will explore engineering topics and methods that may be incorporated into the courses they teach.

Prerequisites and Co-requisites:

Prereq: Permission of instructor.

Course Goals / Objectives:

- Participants will learn about and apply the engineering design process to activities appropriate for use in their science classrooms.
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Course Topics:

- Participants will learn about the engineering design process.
 - Participants will explore the relationship between science and engineering.
 - Participants will work with specifications and iterations.
 - Participants will modify existing lab practica to become engineering design projects.
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Designation:

Elective