



THE OHIO STATE UNIVERSITY
COLLEGE OF ENGINEERING

Project Management in Civil Engineering

CIVILEN 4800

Credit Hours:

3.00 - 3.00

Course Levels:

Undergraduate (1000-5000 level)

Course Components:

Lecture

Course Description:

Comprehensive guide to project management methods, tools, and techniques.

Prerequisites and Co-requisites:

Prereq: Jr standing, and enrollment in CivilEn major.

Course Goals / Objectives:

- Students will gain the knowledge to navigate complex management issues.
 - Students will learn key concepts of applications in real-world project management.
 - Students will learn to keep project on time and avoid cost overrun.
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Course Topics:

- PROJECT MANAGEMENT: INTRODUCTION
 - INITIATING A PROJECT AND PROJECT STAKEHOLDERS PROJECT RULES AND RISK MANAGEMENT WORK BREAKDOWN STRUCTURE (WBS)
 - SCHEDULING A PROJECT ESTIMATING A PROJECT
 - PROJECT CONTROL AND PROJECT COMMUNICATION MEASURING PROGRESS AND ADVANCING PROJECT MANAGEMENT
 - REQUIREMENTS ENGINEERING PROJECT PORTFOLIO MANAGEMENT (PPM)
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Designation:

Elective