



THE OHIO STATE UNIVERSITY
COLLEGE OF ENGINEERING

Project Management in Electrical and Computer Engineering

ECE 6070

Credit Hours:

3.00 - 3.00

Course Levels:

Graduate (5000-8000 level)

Course Components:

Lecture

Course Description:

Students learn project management principles and apply them to Electrical and Computer Engineering real-world projects.

Prerequisites and Co-requisites:

Prereq: Grad standing in ECE.

Course Goals / Objectives:

- Learn principles of project management
 - Apply project management tools and processes to solve Electrical and Computer Engineering problems.
 - Integrate technical aspects of Electrical and Computer Engineering with other practical aspects to successfully manage a project in the Industry framework.
 - Emphasize and practice teamwork.
 - Practice organizational, communication, technical writing and presentation skills.
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Course Topics:

- General principles of Project Management
 - Project Management process and tools
 - Team Culture and project communications
 - Strategic issues in Project Management, risk and crisis management
 - Practical considerations in implementing Project Management in the Industry
 - Case studies in Electrical and Computer Engineering
 - Application of Project Management to Electrical and Computer Engineering Projects
 - Project Documentation and reporting
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Designation:

Elective