COURSE OBJECTIVES

To provide students with tools and skills needed in planning, managing, monitoring and controlling complex projects with numerous uncertainties. Also, to teach Microsoft Project, Excel and simulation models to make quantitative trade-offs while managing projects.

KEY CONCEPTS

• Project organization structures
• Work Break Down structures
• Project evaluation and selection
• Planning and budgeting
• Project scheduling (CPM/PERT)
• Product management
• Resources management
• Time and cost trade-offs
• Risk management
• Agile project management
• Project monitoring with Earned Value analysis
• Microsoft Project applications
• Excel and Monte-Carlo Simulation models

WHY TAKE THIS COURSE?

In any position, our graduates will work in projects either as a project manager or a team member. It is important that they know effective project management methodologies. This course provides them with necessary formal project management skills that can be applied all industries.