

### DSO-455 (16236) Project Management

Tuesday & Thursday  
2:00 – 3:50 PM  
ACC 205

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DSO455

### Why take the course?

Managing projects is increasingly becoming a critical activity for many companies. This trend is getting stronger as businesses move to the contractor-subcontractor mode and project-based work is on the rise

### Course objectives

To provide students with tools and skills needed in planning, managing and tracking 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
- Project evaluation and selection
- Planning and budgeting
- Project scheduling
- Simulation analyses
- Critical Chain method
- Resources allocation
- Time and cost trade-offs
- Risk management
- Microsoft Project
- Excel models
- Earned value analysis

### Course description

This course begins with organizational issues in project management and focuses on skills and roles of project leaders and teams. Then the course moves on to selecting, planning, budgeting and scheduling projects. It will also cover resource management, and controlling, monitoring and terminating projects

