

DSO-580 (16286) Project Management

Tuesday & Thursday
5:00 – 6:20 PM
JKP 104

Professor Murat Bayiz
BRI 401G
bayiz@marshall.usc.edu
213.740-5618

DSO-580

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 (vs. position-based) work is on the rise.

Course objective

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
- Structure and culture
- Project evaluation and selection
- Planning and budgeting
- Project scheduling
- Critical Chain method
- Resources allocation
- Time and cost trade-offs
- Risk management
- New product development
- Project monitoring with Earned Value analysis
- Microsoft Project
- Spreadsheet models and simulation

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, and monitoring projects. Course materials are enriched with guest speakers, software tutorials, and case discussions

