

METU SCIENCE & TECHNOLOGY POLICIES
STPS 522: Technology and Corporate Strategy

Instructor: M. Serdar Durgun

msdurgun@metu.edu.tr / msdurgun@yahoo.com

COURSE OUTLINE FOR 2011-2012 SPRING SEMESTER

1. Course Number and Title

STPS 522, *Technology & Corporate Strategy*

2. Catalogue Description

The course aims to provide theoretical knowledge and practical methods/applications about Project and System Management. Project Management, Contract Management, Strategic Management, System Engineering Management, Technology Management, Project Cycle Management, R&D Projects, Information and ERP Projects, Governmental Programs will be covered.

3. Textbooks (will be supplied at the beginning of the course)

A Guide to the Project Management Body of Knowledge, W.R. Duncan, PMI Standards Committee, PMI

What Functional Managers Need to Know About Project Management, H.Kerzner and F.Saladis, The IIL/WILEY SERIES

4. Supplementary Readings & Case Studies

Supplementary Readings, Research Subjects or Case Studies will be distributed to students during course schedule.

5. Course Objectives

The objectives of this course can be stated as below:

- a) To provide a brief knowledge and methods about Project and System Management.
- b) To discuss the importance of Project and System Management for Information Management and ERP Projects, R&D Projects and Governmental Programs.
- c) To provide understanding of some management concepts: management in general, Strategic Management, Contract Management, Project Cycle Management, Big Projects etc...

6. Course Outline (Week 1 - 13)

1. Introduction to the Course
2. Introduction to Project Management (PM), Why Projects Fail?
3. PM Knowledge Areas in Details
4. PM Knowledge Areas in Details
5. PM Knowledge Areas in Details
6. PM Organization & Phases of Projects / PM
7. Phases of Projects / PM
8. Project Cycle Management
9. Technology Management / R&D Projects
10. Information Management & ERP Projects
11. Strategic Management / Contract Management
12. Seminar (A Professional / Executive will be invited, attendance is a must)
13. Final Review or Final Discussions

Features of this course:

- This course will be given in class and/or internet based. **This course has been given since 2003 (10th year)**
- Grading as follows: **40% HWs and CASE STUDIES, 60% TERM PROJECT and FINAL EXAM, 10% BONUS, Grand Total of the Grade: 110 %**
- Course enrolment limit: 10 students
- The Issues on this Course Outline may vary