

Evaluation: mid-semester grade

Year, Semester: 2nd year, 2nd semester

Number of teaching hours/week (lecture + Seminar): 2+2

Topics:

Project management involves both leading people and managing resources to achieve the intended project outcome. Leadership is often the difference between project success and failure. The objective of this course is to equip students with the concepts, tools and techniques for effective leadership within a project context. Within this context, the course primarily focuses on understanding project management, aligning project management with the organization, project management oversight, projects as capital investments, globalization and resources optimization, detailed project planning and scheduling, risk management, cost estimation and budgeting, and project evaluation

Literature:

Compulsory:

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- Pinto K. Jeffrey: Project Management: Achieving Competitive Advantage (Rental Edition), 5/E, 2019
- Madsen, S.: Project Leadership, Routledge, 2016
- Coleman, S.; Macnicol D.: Project Leadership, Gower Publishing, 2015
- Kerzner, H.: Project Management: A Systems Approach to Planning, Scheduling, and Controlling, 12th edition. John Wiley & Sons, 2017

Recommended:

- Lewis, P.J.: Project Leadership. McGraw-Hill, 2003
- Lord G.R., Maher J. K.: Leadership Information Processing. Linking Perceptions and Performance. Routledge, 1993
- Project Management Institute: PMBOK Guide and Standards. 6th edition

Schedule

1st week Registration week

2nd week:

Lecture: Introduction, The Organizational Context

Seminar: Case study, MS Project Software

3rd week:

Lecture: Project Selection and Portfolio Management

Seminar: Case study, MS Project Software

Seminar: Case study, MS Project Software, Predecessors

6th week:

Lecture: Scope Management

Seminar: Case study, MS Project Software, Resources

8th week: 1st drawing week

9th week:

Lecture: Risk Management

Seminar: Case study, MS Project Software, Costs

11th week:

Lecture: Project Planning and Scheduling (2) **Seminar:** Case study, MS Project Software, CPM, Projects crashing

13th week:

Lecture: Resource Management

Seminar: Case study, MS Project Software, report costs

15th week: 2nd drawing week

Seminar: Case study, MS Project Software, Gantt

7th week:

Lecture: Project Team, Negotiation

Seminar: Case study, MS Project Software, Overallocations

10th week:

Lecture: Project Planning and Scheduling (1)

Seminar: Case study, MS Project Software, Precedence diagrams

12th week:

Lecture: Managing Resources and Costs

Seminar: Case study, MS Project Software, Report resources and costs

14th week:

Lecture: Project Evaluation

Seminar: Case study, MS Project Software, Report critical tasks

Requirements

A, for signature:

- active, proactive participation on course
- participation in seminars is mandatory. We also expect all students to be present during the lectures.

B, for a grade:

The calculation of the final grade is as follows:

- Exam 50%
- Own project (Excel, Microsoft Project) 50%
- +Individual assignment on lectures 5 %