

PROJECT MANAGEMENT

Mr. Shlomo Ehrlich

Spring Semester

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Office Hours: By appointment

Short description:

Project management has been proven to be the most effective method of delivering products and services within cost, schedule, and resource constraints.

The project management course will guide students through the fundamental project management concepts needed to successfully launch, lead, and manage projects. Project managers are expected to manage their resources, schedules, risks, and scope to produce the project's desired outcome. In this course students will explore project management with a practical, hands-on approach through case studies and class exercises. The course is based on the *PMI (Project Management Institute) project management methodology as presented in the PMBOK (Project Management Body of Knowledge). Following the course methodologies and tools will allow the students to initiate and manage projects efficiently and effectively. Students will learn key project management skills and strategies and will have the opportunity to apply this knowledge through the course assignments.

Upon completion of the course, students should be able to:

- Understand project management design, development, and deployment phases
- Use the PMI / PMBOK main project management tools, techniques, and skills
- Align critical resources for effective project implementation
- Define and use Key Performance Indicators (KPI) for project success
- Understand how to manage project cost, quality, and delivery

The concepts in this course will be taught using a combination of lecture and discussion around exercises and cases, with emphasis on active learning.

* PMI - <https://www.pmi.org/>

Assessment[†]:

Minor assignments:

During the course, the students will complete 3 home exercises to cover specific subjects of the course.

Percentage of grade: 15% (3 X 5%)

Midterm:

Midterm in-class exam will take place in the 7th meeting of the course and will include all the subjects covered up to the midterm in-class exam.

Percentage of grade: 15%

Final requirement:

Final in-class exam will include all subjects covered in the course

Percentage of grade: 60%

Participation:

Active participation during the course is very important in order to apply and demonstrate the course methodology, technics and tools on variety of projects.

Percentage of grade: 10%

Attendance:

Attendance is mandatory. Students are permitted a maximum of three absences without penalty. Any additional absences will affect the final grade and may result in failure of the course.

Academic conduct:

Plagiarism is taken extremely seriously. Any instance of academic misconduct which includes: submitting someone else's work as your own; failure to accurately cite sources; taking words from another source without using quotation marks; submission of work for which you have previously received credit; working in a group for individual assignments; using unauthorized materials in an exam and sharing your work with other students, will result in failure of the assignment and will likely lead to further disciplinary measures.

[†] Please note that if distance learning is required, the assessment procedure, modes of assessment and weightings may be changed.