

IE 480
Case Studies in Industrial Engineering
Spring 2010

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Course schedule WWW789

Course web page <http://karagoz.ie.boun.edu.tr/moodle/course/>

This course provides the necessary skills in order to handle problems analytically and to improve the ability to develop effective solutions to unstructured business problems, through developing clear and relevant objectives and topics for investigation, and defining the outputs for the assignment through drawing logical conclusions from the data and developing practical recommendations for action and managing communication throughout the assignment. The lectures are done in cooperation with strategic partners, most of which are leading consulting or well-known global firms in different areas. Within each lecture, the partner firm presents the global and local missions, contributing the issue to be assigned to the students for the case to be presented. The students work in groups of 4/5. Each student will be assigned a separate group for each case, takes part in the presentation and prepares a report which includes identification of the problem, design, implementation and development suggestions for organizations which produce goods or services.

Course Objectives:

- Face real business problems before graduation,
- Learn and apply techniques and methods to handle these problems,
- Get to know the case providing companies more closely

Grading:

The oral presentations and written reports are evaluated by the strategic partners and the instructor. A strict report format is enforced and the compliance is considered in the grading. The performance evaluation is further based on a 360 degree feedback where students evaluate other groups as well as their classmates within the same group.

Attendance is essential and will influence the grading:

- if a student misses one presentation session, s/he will get an F on that case
- if the student misses at most two case lectures given by the firms, the overall grade will be reduced by 10% .
- no excuse for absence is accepted except a medical report in compliance with the law on Higher Education and approved by the University.

Company Evaluation40 %

Report Evaluation.....30 %

Inter-Group Evaluation.....15 %

Teammate Evaluation.....15 %