

IE 102

A PROCESS OUTLOOK FOR INDUSTRIAL ENGINEERING

Instructor:	Office	E-mail
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Teaching Assistants (TA)

Office

E-mail

Okan Dükkancı

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Gül Çulhan

EA307

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Student Assistants (SA): Student assistants will be available to support your homework and term paper assignments.

Course Web Page: <https://courses.ie.bilkent.edu.tr/ie102> Note that students are responsible for checking the course website, as well as their e-mail accounts for course material, updates and announcements.

PLEASE, FOLLOW THE WEB!!

Catalogue Description: Familiarize the IE freshmen with the profession by introducing basic notion of process. Design of processes and process improvements. Notions of performance evaluation. Processes, performance and their relations to decision making. Mathematical representation of the decision making. Demonstration using simple examples from daily life as well as more complicated examples from industry. *Credit units: 3 ECTS Credit units: 6.*

Course Objectives:

- Introduce notion of “process” with examples. Clarify the relation between processes as observed with decisions made.
- Introduce notion of performance evaluation with measures, objectives, criteria
- Introduce notion of process improvement with examples.
- Apply knowledge of high-school mathematics on some problems.
- Build appreciation for mathematical representation of problems via examples: verbal maps; mathematical formulation; graphical representation.
- Maintain interest for the topics/courses to be followed in the curriculum.
- Maintain mutual respect and effective interaction between students and instructor/assistants.

Conduct of the Course:

Unless otherwise stated, spare hours will be used and you will have 4 hours of lectures every week.

Participation from the students is expected.

Grading:

Quiz - unannounced/announced 9%

Homework 12%

Term Paper - 9%

Exam I -: 20%

Exam II - 20%

Final Exam - 25%

Participation 5% (1% - Kahoot)

**You have to hand in all the homework and the term paper.
Otherwise FZ**

Homework and Term Paper will be conducted in groups of 2

We will randomly form the HW groups.

Homework grading: 0/1/2 pts for each question.

Term Paper, groups of 2 (you form your groups)

Kahoot :) (Groups of 2)

Academic Dishonesty

Make-up Policy

Policy for Writing Assignments

Policy for Homework Assignments

Privacy Policy

**Policy on Disclosing Solutions to Exams and
Assignments**

Policy on Claims for Grade Change