

Day & Time:	Class meets Mondays, 09:00 AM – 12:00 PM, in M 3120										
Instructor:	<p>Suat Genc, Ph. D., Part-Time Assistant Professor Office: TBD, Department of Industrial Engineering Telephone: (212) 263 1540/1407, Fax: (212) 265 1800 (Bogazici Campus) Telephone: (262) 641 5010/2201, Fax: (262) 641 5019 (TUBITAK-TUSSIDE) E-mail: SuatGenc@boun.edu.tr or SuatGenc@tusside.gov.tr</p>										
Teaching Assistant	<p>Nihan Karali, Graduate Assistant Office: M4015, Department of Industrial Engineering Telephone: (212) 359 7072, Fax: (212) 265 1800 E-mail: nihan.karali@boun.edu.tr</p>										
Office Hours:	Genc – Mondays, 12:00 – 14:00 PM in TBD or by special arrangement Graduate Assistant – TBD										
Course Content:	The course will cover robust design and engineering techniques, including the following sections: Identification of customer requirements, idea generation and evaluation methodologies, quality function deployment, problem formulation, design of experiments, and Taguchi Parametric Design and Taguchi Tolerance Design.										
Prerequisites	No										
Recommended Text:	Phillip J. Ross, <i>Taguchi Techniques for Quality Engineering, Second Edition</i> , McGraw-Hill (1996)										
Homework:	There will be homework assignments time-to-time. Discussion of homework problems with classmates is acceptable, but homework solutions should be your own work. Acceptance of, and point deductions for, late homework solutions is at the discretion of the instructors.										
Project	A group of three students will be requested to analyze a product or process or come up with a new concept and show design improvements utilizing knowledge learnt in the glass. Students are supposed to give a presentation at the end of the semester and report their work.										
Exams:	An in-class midterm will be held on Monday, TBD . The final exam will be held in class on Monday, TBD . Each exam will be close book and close notes. The final exam will emphasize topics covered after the midterm.										
Grades:	<p>Final grades will be based on a weighted average, with scores on attendance, homework, term project, and exams contributing as follows:</p> <table border="0" style="margin-left: 40px;"> <tr> <td>Attendance:</td> <td>10%</td> </tr> <tr> <td>Homework:</td> <td>15%</td> </tr> <tr> <td>Project:</td> <td>25%</td> </tr> <tr> <td>Midterm:</td> <td>25%</td> </tr> <tr> <td>Final:</td> <td>25%</td> </tr> </table>	Attendance:	10%	Homework:	15%	Project:	25%	Midterm:	25%	Final:	25%
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