lecture hours: TT 78 (M 1100), Th 6 (M2230)  
office hours: ThTh 78 (M 4225)  
course web page: http://ecder.boun.edu.tr/fall17/me207.html  
course description: Elements of Probability and Statistics; Random Variables; Mathematical Expectation; Probability Distributions; Sampling Theory; Estimation Theory; Hypothesis Testing; Regression and Correlation Analysis; Analysis of Variance; Mechanical Engineering Applications.  
prerequisites: Math 102 Calculus II  
textbook: “Introduction to Probability and Statistics” by Milton and Arnold  
list of topics:  
  Introduction to Probability  
  Random Variables and Probability Distributions  
  Mathematical Expectation  
  Discrete Distributions  
  Continuous Distributions  
  Sampling  
  Estimation  
  Hypothesis Testing  
  Simple Linear Regression and Correlation  
  Analysis of Variance  
grading:  
  Midterm Exam 1 – October 17, 2017 – 20 points  
  Midterm Exam 2 – November 14, 2017 – 20 points  
  Midterm Exam 3 – December 12, 2017 – 20 points  
  Final Exam – 40 points (scheduled by the Registrar’s Office)  
attendance:  
  - Attendance to lectures is required.  
  - Announcements made during lectures will be assumed "posted" to all students.  
  - Your final exam may also serve as a midterm exam make-up, i.e., your “final exam points divided by two" may make up for AT MOST ONE missed midterm exam grade, ONLY IF you have missed that midterm exam for medical reasons AND if you have submitted proper documentation (no later than the first lecture following the dates of absence indicated on your document) AND if you have not missed the final exam. No make-up points will be awarded for any additional exams missed.  
  - If you miss the final exam, you may take a final exam make-up (“excuse exam”) if you are granted that option by the make-up-exam committee. However, you may not use points earned by that exam to make-up for a missed midterm exam, i.e., final exam make-up may not also serve as a midterm exam make-up.