EP122
Measurement Techniques and Calibration

Topic 0
Introduction to Course

http://www.gantep.edu.tr/~bingul/ep122

Department of Engineering Physics
University of Gaziantep

Feb 2020
Web Resources for the Course

- Course web page
  
  http://www.gantep.edu.tr/~bingul/ep122

Lecture Notes
Example Exam Questions
Exam Results

- Also search Google and Wikipedia for any of the expressions used in this course.
The Course Books

Experimental Methods for Engineers

*J.P. Holman*

~ 80 $

Probability and Statistics

*M.R. Spiegel*

~ 10 $
Course Content

- Introduction to Course
- Basic Concepts
- Error & Error Propagation
- Probability & Statistics
- Measurement Techniques
- Calibration Techniques
- Curve Fitting
Lectures, Attendance & Exams

- **Wednesdays**
  
  *two-hour lecture*
  
  13:30-15:00 Engineering of Physics

- **Attendance**
  
  You must attend at least 70% of the course

- **Exams**
  
  *All written exams*
  
  - First Midterm: 20% 06 Apr 2020 (Mon)
  - Second Midterm: 20% 11 May 2020 (Mon)
  - Attendance: 10%
  - Project: 10%
  - Final: 40% 03 Jun 2020
Grading

00–19  ->  FF
20–34  ->  FD
35–39  ->  DD
40–44  ->  DC
45–49  ->  CC
50–54  ->  CC+
55–59  ->  CB
60–64  ->  CB+
65–69  ->  BB
70–74  ->  BB+
75–79  ->  BA
80–84  ->  BA+
85–99  ->  AA