

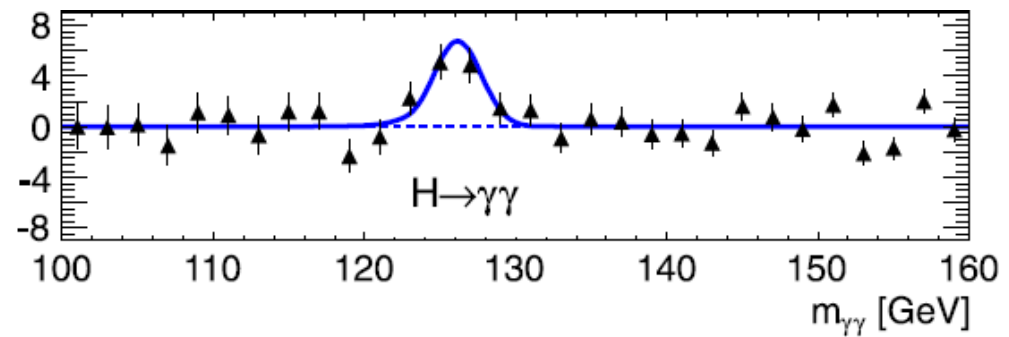


EP122

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>

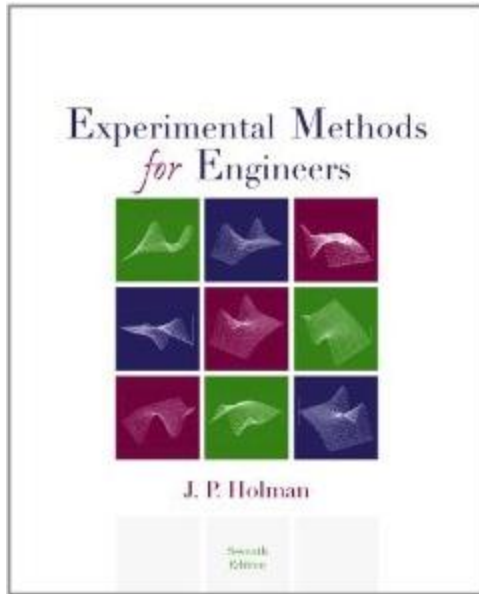
Lecture Notes

Example Exam Questions

Exam Results

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

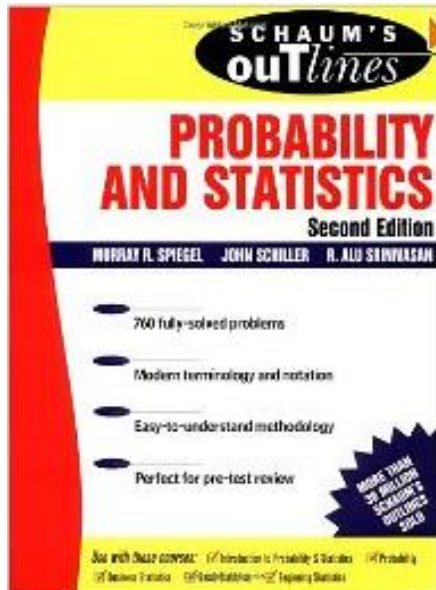
The Course Books



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