Read the following reference papers:


1. What is QED and why is it important in Microelectronic Engineering?

2. Define these terms:
   - target value
   - bias
   - precision
   - repeatability
   - reproducibility
   - stability

ISBN 0-8247-2309-0

Read Chapters 1, 2 and 3.

Answer the following questions:

3. Define an efficient experiment.

4. Chapter 1 Problem 3.

5. Chapter 2 Problem 1.


Read Chapter 1 Treatment of Data Using Statistical Software from

*Schaum's Outline of Statistics for Engineers* By Larry Stephens Date April 7, 2011
Format Paperback, 304 pages Other Formats Electronic book text
ISBN 0071736468 / 9780071736466

7. Supplementary Problem 1.18

8. Supplementary Problem 1.20 using JMPin, Matlab or your choice of software.