AME 20213 – Measurements and Data Analysis  
Spring 2015

Lecturer
Paul Rumbach  
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Office hours: 364 Fitzpatrick, Tues. and Thurs. 11:00am – 12:00 p.m.

Lab Instructor
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Course Description
This course will focus on measurements, data analysis, and technical writing. In the first half of the course, we will learn about the instrumentation and electronics commonly used in aerospace and mechanical engineering applications. The second half of the course will focus on the statistical analysis and interpretation of data. Throughout the course, a particular emphasis will be placed on the communication of results through graphs and technical writing.

Grading
Homework 25%  
Midterm Exam 12.5%  
Final Exam 12.5%  
Technical Memos 50%

Homework
Homework will be assigned bi-weekly. It is to be turned in at the beginning of class. Assignments will mostly involve programming and making plots in Matlab. Feel free to talk and work with each other on the assignments, but NEVER copy and paste someone else’s code! By doing this, you will only be cheating yourself out of an education!