ECE 201
Introduction to Signal Analysis (Lab)
Spring 2009

Lab Instructors
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Sections 201              Section 202
Science & Technology II Room 265     Science & Technology II Room 265
Thursday (12:00 – 2:00 & 6:00-8:00pm)  Mondays (4:00pm-6:00pm),
                                    Wednesdays (12:00-2:00pm)

TA mailboxes are in the hallway near Room 208, S&T II

Required Text: DSP First A Multimedia Approach

Schedule
Week 1 - January 26, 2009  Introduction to MATLAB tool.
Week 2 - February 2, 2009  Lab 1: Introduction to MATLAB
Week 3 - February 9, 2009  Lab 2: Plotting in MATLAB
Week 4 - February 16, 2009 Lab 3: Complex Numbers in MATLAB
Week 5 - February 23, 2009 Lab 4: MATLAB Functions
Week 6 - March 2, 2009     Midterm Exam
Week 7 - March 9, 2009     No class (Spring Break)
Week 8 - March 16, 2009    Lab 5: Complex Exponentials
Week 9 - March 23, 2009    Lab 5: Complex Exponentials (continued)
Week 10 - March 30, 2009   Lab 6: AM & FM Signals – Part I
Week 11 - April 6, 2009    Lab 7: AM & FM Signals – Part II
Week 12 - April 13, 2009   Lab 8: Filtering Sampled Waveforms
Week 13 - April 20, 2009   Review Class
Week 14 - April 27, 2009   Final Exam

Lab assignments can be downloaded from http://thalia.spec.gmu.edu/~pparis/classes/ece201.html

- Each lab report will be graded out of 100 points.
- Lab reports must be handed in hard copy. Lab reports via email will not be accepted.
  Prior permission will be required from the instructor for excused absences.
- Lab Reports are due a week after the lab is completed and must be handed in at the 
  beginning of the next lab.
- Points will be deducted for late submissions (25% per week), and submissions more than two 
  weeks late will not be accepted.

Grading Policy:
8 Lab Assignments             60%
1 in-Lab Midterm Exam         20%
1 in-Lab Final Exam           20%

The total lab score will make up 20% of the final grade for the course.
The University Honor Code applies to all labs and exams.