GEORGE MASON UNIVERSITY

ECE 201 Lab - Introduction to Signal Analysis
Summer 2014

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Time and Location:

- Section 2A1: Tuesday and Thursday 5/20-6/17, 4:00-6:40 pm and Saturday 5/31, 6/7, 6/14, 12:00-2:40 pm (ENGR 1505)

Lab rules:

- The George Mason University Honor Code applies to all aspects of ECE 201 course.

- Each student will write lab reports individually.

- Lab reports must be submitted electronically on Blackboard prior to the beginning of the next lab.

- Late submissions will get 75% credit and submissions more than one session late will not be accepted.

- No lab report will be accepted after the start time of final exams.

- **If you miss an exam for an unexcused reason, you will NOT be given a make up time.** Make up exams must be arranged in advance of the exam date.

- The use of phones or other electronic devices in class or during exam is not permitted. Use of cell phone or laptop for calculator purpose is strictly not allowed.

- **Required Text:** DSP First - A Multimedia Approach by J.H. McClellan, R. W. Schafer, M. A. Yoder, Prentice Hall, 1998

- Grading Policy:

Lab Assignments	30%
Midterm Exam	30%
Final Exam	40%

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SECTION 2A1

Session 1	May 20	Lab 1	Introduction to MATLAB
Session 2	May 22	Lab 2	Plotting in MATLAB
Session 3	May 27	Lab 3	Complex Numbers in MATLAB
Session 4	May 29	Lab 4	MATLAB Functions
Session 5	May 31	Lab 5	Complex Exponentials
	June 3	Midterm	
Session 6	June 5	Lab 6	AM & FM Signals 1
Session 7	June 7	Lab 7	AM & FM Signals 2
Session 8	June 10	Lab 8	Difference Equations
Session 9	June 12	Lab 9	FIR Filters
Session 10	June 14	Lab 10	Properties of FIR Filters
	June 17	Final Exam	