GEORGE MASON UNIVERSITY

ECE 201 Lab - Introduction to Signal Analysis
Fall 2016

Negar Etemadyrad
Email: netemady@gmu.edu
Mailbox: ENGR 3218

Time and Location:

- Section 201: Thursday, 2:30 pm - 4:20 pm (ENGR 5358)
- Section 206: Wednesday, 8:30 am - 10:20 am (ENGR 4457)

Office Hours:

- Wednesday, 11:00 am - 1:00 pm (ENGR 3204)
- Wednesday, 2:00 pm - 4:00 pm (ENGR 3204)

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 through the blackboard before the beginning of the next lab.
- Late submissions will get 75% credit and submissions more than one week 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:** J.H. McClellan, R.W. Schafer, and Mark A. Yoder, DSP First-Second Edition, Pearson, 2016.
- Grading Policy:

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

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SECTION 201 - THURSDAY (2:30 pm - 4:20 pm)

Session 1	September 1	Lab 1	Introduction to Matlab
Session 2	September 8	Lab 2	Plotting in MATLAB
Session 3	September 15	Lab 3	Complex Numbers in MATLAB
Session 4	September 22	Lab 4	MATLAB Functions
Session 5	September 29	Lab 5	Complex Exponentials
Session 6	October 6	Lab 6	AM & FM Signals 1
	October 13	Midterm	
Session 7	October 20	Lab 7	AM & FM Signals 2
Session 8	November 3	Lab 8	Difference Equations
Session 9	November 10	Lab 9	FIR Filters
Session 10	November 17	Lab 10	Properties of FIR Filters
	November 24	Thanksgiving recess	No class meets
	December 1	Final Exam	

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SECTION 206 - WEDNESDAY (8:30 am - 10:20 am)

Session 1	August 31	Lab 1	Introduction to Matlab
Session 2	September 7	Lab 2	Plotting in MATLAB
Session 3	September 14	Lab 3	Complex Numbers in MATLAB
Session 4	September 21	Lab 4	MATLAB Functions
Session 5	September 28	Lab 5	Complex Exponentials
Session 6	October 5	Lab 6	AM & FM Signals 1
	October 12	Midterm	
Session 7	October 19	Lab 7	AM & FM Signals 2
Session 8	November 2	Lab 8	Difference Equations
Session 9	November 9	Lab 9	FIR Filters
Session 10	November 16	Lab 10	Properties of FIR Filters
	November 23	Thanksgiving recess	No class meets
	November 30	Final Exam	