Pledge: We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.


Grading: Quizzes 30 %
Exams (10/07/03, 11/25/03, and 12/18/03) 70 %
Final Exam (12/18/03, 10:00 - 12:00 am)

At the end of the semester, your lowest quiz grade will be dropped. Your lowest exam grade will also be dropped. Each of the remaining two exams will constitute 35% of your grade. Note that doing well on the first two exams means that you will not have to take the final exam.

Content: The primary focus of this course is on the fundamental aspects of discrete-time and continuous-time signals and systems. Topics include spectrum representation, sampling theory, Z-transform, FIR and IIR filters, and Fourier series and Fourier transform.

Prerequisite: Prereq: MAC 2313, CGS 2425 or CIS 3020; Coreq: EGM 3311 or MAP 2302.

Instructor: Dr. Jian Li

Office: 437 EB; Phone: 392-2642; Email: li@dsp.ufl.edu

Office Hours: 7th Period on Tue and 7th and 8th Periods on Thur, or by appointment.

TA: Mr. Rony Thomas (rathomas@ufl.edu) and Mr. Israel Slobodkin (izzy@spu.edu)

TA Office: 139 Larsen TA Office and EB PC Lab
**TA Office Hours:** Mr. Rony Thomas: Mon 2-3 pm at Larsen TA office and Wed 2-4 pm at EB PC Lab; Mr. Karl Dockendorf: Mon 5th and 6th periods and Wed 5th period at Larsen TA office.

**Topics:** Tentative:

1. Introduction to MATLAB – 1 lecture.
2. Sinusoids and Phasors – 3 lectures.
4. Sampling and Aliasing – 5 lectures.
5. FIR Filters, Convolution, and LTI Systems – 5 lectures.
8. IIR Filters – 5 lectures.

**Miscellaneous:** Homework problems and laboratory projects will be assigned and discussed on a regular basis. You are responsible for all assignments, changes of assignments, announcements of exam and quiz dates, and other course-related events which occur in class.

MATLAB will be used in this class. You should buy a student version MATLAB and install it on your computer. MATLAB is a wonderful tool for learning the material in this course.

Try www.varsitybooks.com for cheaper books.