This course is administered by Dr. Snider. Lectures are pretaped, and delivered by web.

Instructor: Prof. Dave Snider, ENB 362, 813-9744785, snider@eng.usf.edu
Office hours Tuesday 3:00 – 4:30, 6:30 – 7:00.

Description: Review of probability, functions of random variables, joint Gaussian distribution, autocorrelation, power spectra, ARMA modeling, Wiener and Kalman filters.

Course Prerequisites: EGN 3443 or equivalent first course in statistics (laws of probability, Bayes's theorem, probability density function, moments)


Author: R. Yates, D. Goodman; M. Hayes
Publisher: Wiley Custom Services ISBN: 0-471-71067-9

Requirements and Assessment:

1. Most communications between instructor and students are accessed through https://my.usf.edu. Follow the directions. The site contains class announcements, documents, discussion board hours, pointers to old exams and lecture notes, etc.
2. Each student must email Prof. Snider with the following data: Last name: ______ First name: ______ Class: EEL 6545
   Thereafter each student is liable for all email notices concerning the class from Prof. Snider. Students who wish to use different email boxes should email this data from each box.
3. Each student must sign a copy of this syllabus as indicated below and submit it to Dr. Snider by September 10.
4. Certain assigned problems will be identified as graded homework.
5. Other homework problems will be recommended to the students, but not graded.
6. A midterm examination (October 29, 1:30-3:15, ENA 105) and a final (December 10, 2:30-4:45, ENA 105) will be given. Reserve these dates NOW. You must get an A on the final to get an A in the class. This will entail demonstrating mastery of at least 5 of the following topics: joint Gaussian distribution, autocorrelation, power spectra, ARMA modeling, Wiener filters, and Kalman filters. The midterm will be taken into account if the final score is not A. You will be directed via my.usf to a web site containing many old midterms and finals for you to practice with, as well as notes for all the lectures. I recommend that you take a timed midterm and a timed final, for practice.
7. The email, syllabus signoff, and final are required for the student to get a grade.

Academic Dishonesty - It is not acceptable to copy, plagiarize or otherwise make use of the work of others in completing homework, project, exam or other course assignments. The minimum penalty for doing so is an automatic zero on the assignment and an "F" in the course. If there are any questions regarding this policy they should be directed to the EE graduate program coordinator.

I have read this syllabus and agree to abide by its terms.

Print Name:_________________________(signed) __________________________ (date) __________________