Instructor: Ben Belzer; Office: EME 401; Phone: 335-4970; Email: belzer@eecs.wsu.edu
Instructor Office Hours: MWF 11:00AM-12:00PM, or by appointment.
Course Web Page: http://www.eecs.wsu.edu/~ee432. Course syllabus, exam schedules, homework and lab assignments/data, homework solutions, reading assignments, lecture notes, help session hours/room and lab section times will be posted here.
Prerequisites: EE341, EE351, or equivalent. Students will be required to program in both MATLAB and C on homework and lab assignments, and on take-home exams. Exposure to probability theory, through previous or concurrent enrollment in Math/Stat 443, Math 360, or equivalent, is required.
Course Texts: No required text. Text chapters by Dr. Scott Hudson will be provided at the course website.
Additional References: (1) W. Palm, Introduction to MATLAB 6 for Engineers, Prentice Hall, 1996
(2) Several white papers will be posted on the course website.
Copies of the optional text, and of reference (1) will be placed on one-day reserve at Owen Library.

Grading: Homework: 10%  Labs (6): 30%  Quizzes (5): 20%  Exams (4): 40% (In-class MT, Take-home MT, In-class final, Take-home final. Highest three are averaged.)

Homework: Homework will be assigned and collected in class, usually on Fridays. Late homework will not be graded. Homework will be graded on effort rather than on exact results. The lowest homework score will be dropped. Students may collaborate on homework.

Labs: Lab experiments will be done in teams of two or three students, using the RF lab (EME 240) during scheduled lab sections. Lab sections will be scheduled based on a schedule survey filled out by students during the first week of class. Some labs will be computer simulation experiments. Each student must turn in an individual lab report prepared with a word processor. Students may discuss the labs with their team members, but lab reports must be individual efforts. Students may hand in a lab report the next class after the report was due for a 20% reduction in grade. Reports handed in more than one class late receive a score of zero. The lowest lab report score will be dropped.

Quizzes: Quizzes will be in-class, multiple choice. The lowest quiz score will be dropped. Quiz dates will be announced at least one week in advance.

Exams: The in-class midterm will take place during the 8th week of classes; the exact exam date will be posted on the course website at least two weeks in advance. Exams are open book, open notes. Exam problems will be similar to homework problems; thus, doing your homework is a good way to prepare for exams. No make-up exams will be given. The lowest score out of the four exams will be dropped, and the remaining three scores averaged.

Academic Integrity: The EECS academic integrity policy is at http://www.eecs.wsu.edu/~schneidj/Misc/academic-integrity.html. It is your responsibility to read and know the policy. Under the policy, any student caught cheating in any EECS class is subject to de-certification, meaning that he/she will not be permitted to continue in any EECS degree program. For EE432, “cheating” is defined as follows: (1) Exams and Quizzes: any collaboration between students on quizzes or on in-class or take-home exams is cheating; this includes copying from someone else’s exam, as well as making your own exam solutions available to another student. (2) Lab reports: students may discuss the labs with their team members, but the analysis, write-up, and conclusions of each lab report must be done by each individual student. Copying text from another source (e.g., a textbook, another student’s report) into your lab report is cheating. Lab report grading will be based on content, completeness, and measurement results, not grammar. So please use your own words to write your lab report.

Special Needs Students: Reasonable accommodations are available for students who have a documented disability. If you have a disability and need accommodations to fully participate in this class, please either visit or call the Access Center (Washington Building, Room 217; 509-335-3417; http://accesscenter.wsu.edu) to schedule an appointment with an Access Advisor. All accommodations MUST be approved through the Access Center.

Campus Safety: Students should review the campus safety plan at http://safetyplan.wsu.edu. Students should visit the Office of Emergency Management website at http://oem.wsu.edu for a comprehensive listing of university policies, procedures, statistics, and information related to campus safety, emergency management, and the health and welfare of the campus community.