EE 522 Estimation Theory  
Spring 2006 Syllabus

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Course Web Sites: There are two on-line sites that pertain to the course:

- The “EE522” link at http://www.ws.binghamton.edu/fowler/
  Check this site often since this website will be used to:
  - Convey any important announcements about the course
  - Distribute lectures notes (please download and bring to class)
  - Post HW assignments
  - Etc.

- Blackboard  http://blackboard.cc.binghamton.edu/
  Check this site often since this website will be used to:
  - Convey any important announcements about the course
  - Distribute Additional Reading Materials
  - Post HW Solutions

Office Hours: - After class
- To be determined – see web site
- Or by appointment.


Prerequisites:  Background in Digital Signal Processing, probability theory and random signals, and Matrices and Linear Algebra

Quizzes, Exams, & Homework:
- Two Take-Home Midterm Exams
- HW will be assigned roughly every week or so
- Announced Quizzes (10 minute duration) will be given periodically (their purpose will be to ensure that students are keeping up with the main ideas of the course)

Course Grade:  
Homework & Quizzes = 15% 
Two Exams = 25% Each 
Project = 35%
HW:  
- Due at beginning of class;
- You are encouraged to work (e.g., discuss, get advice from) on HW’s with others, but you must do your own write-up. In other words, you can get help but you can’t just get the answer. If your write-up is too similar to others you will be penalized.
- Homework will be graded for level-of-effort: meaning you must at least give a reasonable approach to the problem to get credit

Exams:  
- Take-Home Exam
- You are NOT allowed to interact (e.g., discuss, get advice from) with anyone (in person or online). In other words, you DO IT YOURSELF!

Project:  
- Assigned near the midway point of the semester
  - A list of suggested topics will be given
- Will require written report
- More details later