

## ECE 425 – Image Science and Engineering Spring Semester 2000

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date: 4/22/00

### MID-TERM EXAM #2 STUDY GUIDE

General:

This mid-term exam is over all material presented in class, in the notes and in homeworks, primarily since Mid-Term #1. **However**, it would be wise to not forget 1-D and 2-D convolution, Fourier transforms and system analysis!

In terms of the notes, you should review at least material from 2-D LINEAR SYSTEM EXAMPLES (Section 3 on website, p88) through ELECTRO-OPTICAL SCANNER NOISE (Section 9 on website, p249). I recommend at least a short review of **all** the notes, however, to refresh your memories.

At a minimum, you should be prepared to do any of the homework problems previously assigned. The occasional questions in the class notes can be used for additional practice.

The structure of the exam will be open books, notes and calculators.