CSCI 510/EENG 510
Image and Multidimensional Signal Processing

Fall 2015

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Outline

• Today
  – Introduction and roster
  – Go over syllabus
  – Introduction to image processing (Ch 1 in book)
  – Review topics

• Next time
  – Digital image fundamentals (Ch 2)
“Flipped” course format

• Watch video lectures at home; we will typically use class time for working through problems and examples.
  – Slides and videos are on the course website
• For this to work, students must come prepared to class.
  – Watch the assigned videos and read the corresponding sections in the book.

• In class we will do:
  – Discuss the lecture topics
  – Work on examples and homework problems
• Outside class:
  – Finish homework assignments
  – Final project
Matlab

- We will use Matlab in class and for homework
  - It’s on all computers in Brown Hall (you need an “adit” logon)

- For next time
  - Make sure you have a logon to the PCs in Brown Hall
  - Alternatively you can use your laptop in class if it has Matlab and the Image Processing Toolbox installed

- You can get your own copy of Matlab
  - Student version is $99 from http://www.mathworks.com
  - Comes with some toolboxes, including image processing

- If you are not familiar with Matlab
  - Look at tutorials