Course Syllabus
ECE 472/478/572: Digital Image Processing
Spring 2017

Department of Electrical Engineering and Computer Science
The University of Tennessee

Instructor: Dr. Mongi A. Abidi
- Office: 203 Min Kao (Cell Phone: 696-0409)
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- Office hours: 2:00 – 4:30 pm MWF, or by appointment
- TA: Michael Vaughan: mvaugha3@vols.utk.edu

Class Schedule:
- Lecture: 2:10-3:25, TR, Room 525
- Lab: MK 224 and 226, Time TBD

Prerequisites:
- Senior standing in EECS
- Non-major require consent of instructor

Text:
- Third Edition Preferred

Grading:
- 15%: Project 1, Due around Week 4
- 15%: Project 2, Due around Week 7
- 20%: Project 3, Due around Week 10
- 25%: Project 4, Due around Week 13
- 25%: Take-home Exam, Due around Week 14.

Course Objectives:
- Example of Fields that use Image Processing
- Image Sampling and Quantization
- Intensity Transformations
- Color Image Processing
- Filtering in the Frequency Domain