LE415: Digital Image Processing
Thammasat University

Instructor:  Dr. Songyot Nakariyakul
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Office hours:  Students are encouraged to contact the instructor via e-mail for quick questions regarding homework and course material.
Web site:  http://songyot.ece.engr.tu.ac.th/LE415/

Prerequisite:  Pass LE210

Course description:

Very Tentative Schedule
Topic 1  Introduction
Topic 2  Digital Image Fundamentals
Topic 3  Image Enhancement (in the spatial and frequency domains)
Topic 4  Image Restoration
Topic 5  Image Compression
Topic 6  Morphological Image Processing
Topic 7  Image Segmentation
Topic 8  Color Image Processing

Textbooks:
   Book website:  http://www.fundipbook.com

Grading:  10% Attendance, 30% homework, 30% midterm, 30% final.

Programming:  The best way to understand an algorithm is to program it. Students will have to complete individual assignments required in each homework assignment using MATLAB.

Image Viewer Software:  www.xnview.com

Homework Policy:  Discussion of material covered in class is strongly encouraged, but the homework you submit must be your own work. Copying and using another person’s work is not allowed.