Instructor: Dr. Songyot Nakariyakul  
E-mail: nsongyot@engr.tu.ac.th  
Office: L 420-2  
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  


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

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.