**EESC6363 - Digital Image Processing**

**EESC 6363** Digital Image Processing (3 semester hours) Image formation, image sampling, 2D Fourier transform and properties, image wavelet transform, image enhancement in spatial and frequency domains, image restoration, color image processing, image segmentation, edge detection, morphological operations, object representation and description, introduction to image compression. Prerequisites: **EE 4361** or equivalent and knowledge of C or MATLAB. (3-0) T (2016-02-05 21:57:20)