Class	Schedule	
26-Sep	Linear Systems, Properties of Linearity, Superposition and Decomposition	
	PA1: Install software to read and write files, Convolution	
28-Sep	Delta Function, Convolution, Calculus like operations	
	Convolution on 2D Images (Seaparable Filters), Low and High Pass Filters, Bandpass Filters	
3-Oct	Edge Crispening, Edge Detection	**PA1 Due**
	WA1: Linearity,Convolution, filtering	
5-Oct	Properties of Convolution, Correlation, Feature Detection (In 1D and 2D)	
	PA2: Filtering, Edge Detection and Crispening	
10-Oct	Discreet Fourier Transform	
12-Oct	Spectral Analysis of Signals, Frequency Response, Convolution	**WA1 Due**
17-Oct	WA1 return, review and midterm review by TA (Instructor Travelling)	**PA2 Due**
19-Oct	Midterm 1	
24-Oct	Fourier Transform Pairs, Aliasing, Sampling and Reconstruction	
	PA 3: On Fourier Transform	
26-Oct	Non-Linear Filters	
	WA2: Fourier Transform, Image Enhancement, Sampling	
31-Oct	Fourier Transform Pairs, Aliasing, Sampling and Reconstruction	
2-Nov	Review Midterm, Noise	
7-Nov	Histogram Processing	**WA2 Due**
	PA4: On Feature Detection, Enhancement, Noise Cleaning	
9-Nov	Color	

WA3: Rest of the stuff		**PA3 Due**
16-Nov	Color	
16-Nov	Geometric Image Processing	
21-Nov	Morphological Operators	
23-Nov	Midterm 2	**WA3 Due**
28-Nov	Image Compression and Segmentation	**PA4 Due**
30-Nov	Midterm and whole course review	

5-Dec Mon, 4-6pm	FINAL