

Completed Dates in Red			
Date	Topic	Reading	Notes File
1/16/08	Diffraction, Huygens Principle		
1/18/08	Review of Complex Numbers	Gaskill Ch. 2	Complex Numbers
1/21/08	NO CLASS MLK DAY		
1/23/08	Matlab Primer		
1/25/08	Signals and Special Functions		
1/28/08	Review of Fourier Methods and Spectra		
1/30/08	Review of Fourier Methods and Spectra		
2/1/08	LSI and convolution		
2/4/08	LSI and convolution		
2/6/08	LSI and convolution		
2/8/08	Operators and Systems		
2/11/08	Systems and Filters		
2/13/08	Sampling		
2/15/08	Exam #1		
2/18/08	Sampling and Reconstruction		
2/20/08	DFT		
2/22/08	Properties of the DFT		
2/25/08	Sampling and Convolution		
2/27/08	Functions of Two Dimensions		
2/29/08	Functions of Two Dimensions		
3/3/08	Review of EM Propagation/Fraunhofer Diffraction		
3/5/08	Fresnel Diffraction/Fresnel Transformation		
3/7/08	Fresnel Diffraction/Fresnel Transformation		
3/10/08	Diffraction Gratings		
3/12/08	Exam #2		
3/14/08	Fresnel Zone Plates/Diffractive Optics		
3/17/08	Spring Break		
3/19/08	Spring Break		
3/21/08	Spring Break		
3/24/08	Interference and Interferometers		
3/26/08	Interference and Interferometers		
3/28/08	Interference and Interferometers		
3/31/08	Diffraction from Lenses		
4/2/08	Diffraction from Lenses		
4/4/08	Gaussian Beam Optics		
4/7/08	Gaussian Beam Optics		
4/9/08	Image Formation		
4/11/08	Image Formation		
4/14/08	Coherence and Polarization		
4/16/08	Polarization, Stokes, and Mueller Calculus		
4/18/08	Polarization Optics		
4/21/08	Exam #3		
4/23/08	Coherent and Incoherent Imaging		
4/25/08	Coherent and Incoherent Imaging		
4/28/08	Coherent and Incoherent Imaging		
4/30/08	Resolution and Spatial Filtering		
5/2/08			
5/5/08			
5/7/08			
5/12/08	FINAL EXAM 11am - 1pm		