

Course Detail Information

Course Number:	1051-452
Course Name:	ISA II: RESOLUTION, MTF AND SPATIAL ARTI
Course Title:	ISA:MODULATION
Course Description:	<p>This course applies the mathematical and computational skills acquired in previous courses to the analysis and modeling of spatial properties of both linear and non-linear systems of both discrete and continuous processes. Experimental techniques for measuring resolution, MTF, CTF, PSF and LSF of individual and complex systems will be described. These functions will be modeled mathematically for both individual imaging processes and for sequences of linear and non linear processes. Physical mechanisms (including finite detectors and sampling, optical turbidity, and electronic time constraints) will be treated mathematically for their impact on MTF. (1051-451) Class 3, Lab 3, Credit 4 (W)</p>
Credit Hours:	4
Course Notes:	
Section Types Offered:	Lab, Lecture
Future Term Offerings:	<i>No future term offerings currently available.</i>