

Course Detail Information

Course Number:	1051-451
Course Name:	IMAGING SYSTEMS ANALYSIS I: TONE TRANSFE
Course Title:	ISA: TONE TRANS FUNCTION
Course Description:	<p>This course applies the mathematical and computational skills acquired in previous courses to the analysis and modeling of mean-value, tone propagation through both linear and non-linear imaging systems of both discrete and continuous processes. System modeling techniques will be described based on (a) empirical metrics of system components, (b) underlying physical mechanisms of imaging processes. Modeling of multi-channel systems will emphasize the analysis of inter-image characteristics and the impact of spectral sensitivity on information content in the output image. (1051-211, 1051-320) Class 3, Lab 3, Credit 4 (F)</p>
Credit Hours:	4
Course Notes:	
Section Types Offered:	Lab, Lecture
Future Term Offerings:	<i>No future term offerings currently available.</i>