

<b>Course Detail Information</b>	
<b>Course Number:</b>	1051-300
<b>Course Name:</b>	INTRODUCTION TO IMAGING SYSTEMS
<b>Course Title:</b>	INTRO IMAGING SYSTEMS
<b>Course Description:</b>	<p>This course provides a framework for the study of imaging science in the remainder of the imaging science curriculum. Elements of imaging science taxonomy, including the imaging chain, image analysis and imaging systems characterization are introduced or reviewed. Practical examples are drawn from familiar imaging systems such as digital and film still cameras, LCD displays, NTSC video, etc., are introduced and selected systems are studied in depth. Current events in the development or use of imaging science will be incorporated at the discretion of the instructor to reinforce understanding of the structure of the field of imaging science. The student will master basic laboratory skills in the use of still and video cameras, including effects of and control of illumination, exposure, focus and depth of field, focal length, dark and flat field calibration. (1016 282, 1017-311, or equivalent) Class 3, Lab 3, Credit 4 (F)</p>
<b>Credit Hours:</b>	4
<b>Course Notes:</b>	
<b>Section Types Offered:</b>	Lab, Lecture
<b>Future Term Offerings:</b>	<i>No future term offerings currently available.</i>