

Course Detail Information	
Course Number:	1051-742
Course Name:	TESTING OF FOCAL PLANE ARRAYS
Course Title:	TEST FOCAL PLANE ARRAY
Course Description:	<p>An introduction to the techniques used for the testing of solid state imaging detectors such as CCDs, CMOS and Infrared Arrays is provided. Focal plane array users in industry, government and university need to ensure that key operating parameters for such devices either fall within an operating range or that the limitation to the performance is understood. This is a hands-on course where the students will measure the performance parameters of a particular camera in detail. While this course can be taken individually, students will obtain maximum educational value by taking it as the third part of a sequence of imaging science courses preceded by 1051-739 Principles of Solid State Imaging Arrays and then 1051-728 Design and Fabrication of a Solid State Camera. (Graduate status in imaging science or permission of instructor) Class 2, Lab 6, Credit 4 (S)</p>
Credit Hours:	4
Course Notes:	
Section Types Offered:	Lab, Lecture
Future Term Offerings:	<i>No future term offerings currently available.</i>