

<b>Course Detail Information</b>	
<b>Course Number:</b>	1051-370
<b>Course Name:</b>	RADIOMETRY
<b>Course Title:</b>	RADIOMETRY
<b>Course Description:</b>	This course introduces the concepts of quantitative measurement of electromagnetic energy. The basic radiometry terms are introduced using calculus-based definitions. Governing equations for source propagation and sensor output are derived. Simple source concepts are reviewed and detector figures of merit are introduced and used in problem solving. The radiometric concepts are then applied to simple imaging systems so that a student could make quantitative measurements with imaging instruments. (1016-283, 1017-313) Class 3, Lab 3, Credit 4 (S)
<b>Credit Hours:</b>	4
<b>Course Notes:</b>	
<b>Section Types Offered:</b>	Lab, Lecture
<b>Replaces Course:</b>	<b>1051-401</b>
<b>Future Term Offerings:</b>	<i>No future term offerings currently available.</i>