

### Course Detail Information

<b>Course Number:</b>	1051-719
<b>Course Name:</b>	RADIOMETRY
<b>Course Title:</b>	RADIOMETRY
<b>Course Description:</b>	This course is focused on the fundamentals of radiation propagation as it relates to making quantitative measurements with imaging systems. It includes an introduction to common radiometric terms and derivation of governing equations with an emphasis on radiation propagation in both non-intervening and turbid media; and an introduction to detector figures of merit and noise concepts. Includes some laboratory experiments. Also offered online. (Graduate standing in a science or engineering program, or permission of instructor) Class 4, Credit 4 (F)
<b>Credit Hours:</b>	4
<b>Course Notes:</b>	
<b>Section Types Offered:</b>	Lecture
<b>Future Term Offerings:</b>	<i>No future term offerings currently available.</i>