

<b>Course Detail Information</b>	
<b>Course Number:</b>	1051-812
<b>Course Name:</b>	MEDICAL IMAGING SYSTEMS
<b>Course Title:</b>	MEDICAL IMAGING SYSTEMS
<b>Course Description:</b>	This is an advanced graduate level course that describes existing medical imaging systems in terms familiar to imaging scientists and electrical engineers. These include impulse response, the transfer functions, and the signal to noise ratio. The course considers in detail, four different imaging modalities: conventional projection X-ray, CT, ultrasonic imaging, and magnetic resonance imaging. A complete system is examined piece by piece in terms of subsystems. CClass 4, Credit 4 (S)
<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>