

**Northern Virginia Community College 2008-2009 Catalog  
Medical Education - Allied Health and Nursing Curricula**

**RADIOGRAPHY:  
Magnetic Resonance Imaging  
Career Studies Certificate**

**MEC**

*Purpose:* This career studies certificate is designed as an enhanced-competency module to provide expertise in Magnetic Resonance Imaging (MRI) to registered technologists. This curriculum will prepare registered technologists for employment as MRI technologist in hospitals and imaging centers. Courses will fulfill professional continuing education (CEU) requirements, including the American Society of Radiologic Technologists' ECE program.

*Program Requirements:* All students must hold a current CPR-C certification. Students must maintain a C average in all courses. A career certificate will not be awarded until a grade of C or better is obtained in all didactic and clinical components.

*Eligibility:* All students must be graduates of an approved radiologic technology program and be registered or registry eligible according to the standards provided by the American Registry of Radiologic Technologists. *Radiographers must be registered in Radiography for one year prior to being eligible to sit for the Magnetic Resonance Imaging Registry.*

*Clinical Requirements:* Students will be required to locate an imaging center/hospital to complete the clinical component of this course. An NOVA Preceptor Agreement must be presented to the clinical staff. The contract must be signed and filed in the radiography offices prior to beginning clinical rotations. Days and hours of clinical assignments will be agreed upon by the preceptor and the students. Students must complete the specified clinical hours by the end of the semester.

<b>One Year</b>		<b>Credits</b>
<b>Fall Semester</b>		
RAD	247 Cross-Sectional Anatomy	<u>3</u>
	<b>Total</b>	<b>3</b>
<b>Spring Semester</b>		
	ENG/SPD Elective	3
RAD	115 Principles of Magnetic Resonance	3
RAD	136 Clinical Procedures in MRI	<u>2</u>
	<b>Total</b>	<b>8</b>

**Total credits for the Magnetic Resonance Imaging Career Studies Certificate = 11.**

**Students graduating from the CT and MRI certificate programs must meet the additional requirements specified by the American Registry of Radiologic Technologists to be eligible for the certification examination. Please see specific examination requirements posted on the ARRT website: [www.arrt.org](http://www.arrt.org).**