



**CERTIFICATE – CODE #3061**

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The certificate program in magnetic resonance imaging (MRI) is an upper-level, online program that will produce graduates, who are capable of working under the supervision of a physician, and who are proficient in the application of magnetic resonance imaging equipment and techniques to gather critical radiologic data to enable the diagnosis of a variety of conditions and diseases.

The program targets the acquisition of specialized MRI certification by place-bound college graduates currently employed in the medical field as licensed radiological technologists. It will consist of 15 credits total, delivered online, over a minimum of two academic semesters.

The curriculum will include: Instruction in pathologic data recording; magnetic resonance imaging data processing; magnetic resonance imaging equipment operation; and professional standards and ethics. Students in the program will complete didactic courses online, as well as clinical rotations at designated hospitals and imaging centers.

**ADVANTAGES**

The MRI certificate program targets existing radiologic technologists who wish to expand and diversity their clinical skills within the healthcare market place. With the exception of the clinical requirement, the program is designed to be an online experience.

**CONTINUING EDUCATION OPPORTUNITIES**

Students may transfer directly into one of our own BS or BTech degree programs or to another college.

**Occupational Opportunities**

- Clinics
- Diagnostic medical centers
- Government agencies
- Hospitals
- Private physician offices

**EMPLOYMENT STATISTICS**

Employment of magnetic resonance imaging clinicians is projected to grow 13 percent from 2016 to 2026, much faster than the average for all occupations. Nationwide in 2016, there were 241,700 employed as noted by the United States Bureau of Labor Statistics.

According to the New York State Department of Labor, there are currently 2,140 magnetic resonance imaging technicians employed in the state (2017 statistics).

**RELATED PROGRAMS**

- [Health Sciences](#)
- [Interdisciplinary Studies](#)
- [Healthcare Management](#)

**ENTRANCE REQUIREMENTS/RECOMMENDATIONS**

Required: Associate degree in radiologic technology from an accredited program or certificate of completion from JRCERT program. Must provide proof of ARRT certification.

**OFFICE OF ACCESSIBILITY SERVICES**

Students who believe they need a reasonable accommodation to properly participate in this program may contact Melanie Ryan in the Office of Accessibility Services. This office may be contacted by email at [oas@alfredstate.edu](mailto:oas@alfredstate.edu) or by phone at 607-587-4506. Please keep in mind that some accommodations may take time to implement, so students seeking accommodations are encouraged to contact OAS as early as possible.

**REQUIRED EQUIPMENT**

A tier 1 laptop computer is required for students entering this degree program. Laptop specifications are available at [www.alfredstate.edu/required-laptops](http://www.alfredstate.edu/required-laptops).

**MAGNETIC RESONANCE IMAGING - CERTIFICATE**

**TWO-SEMESTER PROGRAM**

<b>First</b>			
IMSC	5004	Cross Sectional Anatomy for Medical Imaging	4
IMSC	6403	MRI Patient Care and Procedures	3
IMSC	5603	MRI Imaging 1	3
			10
<b>Second</b>			
IMSC	5603	MRI Imaging 2	3
IMSC	6303	MRI Clinical	3
			6

**Graduation Requirements**

- 16 total semester credit hours
- 2.0 minimum cumulative grade point average
- Approval of department faculty