

MAGNETIC RESONANCE IMAGING CERTIFICATE (MRIC)*Liston Campus, Providence only*

Magnetic resonance imaging is a dynamic technology used in the diagnosis and treatment of disease. This two-semester program, which combines classroom instruction with supervised clinical practice, focuses on understanding the basic principles of magnetic resonance imaging and the care of patients requiring diagnosis or treatment. The goal of this program is to prepare students who can competently and safely perform magnetic resonance procedures, display the personal qualities of integrity, responsibility and reliability and who function as active members of the health care team.

Graduates receive a certificate in magnetic resonance imaging and are prepared to sit for the national credentialing examination offered by the American Registry of Radiologic Technologists. They are eligible for employment in hospitals, clinics, physician's offices and mobile MRI facilities.

CERTIFICATE REQUIREMENTS

| COURSE NO. | COURSE TITLE | CREDITS |
|-----------------------------------------------------|-----------------------------------------------------------|-----------|
| <input type="checkbox"/> MRIC 2260 P | Introduction to Magnetic Resonance Imaging | 6 |
| <input type="checkbox"/> MRIC 2270 P | MRI Physics and Instrumentation | 3 |
| <input type="checkbox"/> ENGL 1010* | Composition I | 3 |
| <input type="checkbox"/> PSYC 2010 | General Psychology | 3 |
| <input type="checkbox"/> MRIC 2280 | Procedures and Methods for MRI Imaging | 6 |
| <input type="checkbox"/> MRIC 2290 | MRI Safety and Quality Assurance | 3 |
| <input type="checkbox"/> COMI 1100 | Introduction to Computers | 3 |
| <input type="checkbox"/> General Education Elective | See pg. 17 for list of courses that meet this requirement | 3 |
| Total Certificate Credits | | 30 |

* Placement test required

GENERAL POLICIES:

See important general policies in beginning of this section on academic progress, advanced standing, background check, CPR certification, health insurance, health records, reinstatement, transportation, uniforms and equipment.

ADMISSION REQUIREMENTS

- Submit a completed Health Science performance-based application.
- ARRT Certification in Radiologic Technology Documentation must be sent to the Allied Health department chair.
- Demonstrate competency in MATH 0600, with a grade of "C" or better, or MATH 1700.
- English placement test results indicating readiness to take ENG 1010. Successful completion of ENGL 1005.
- Completion of the ACCUPLACER standardized test. Competency of 80 or above on reading comprehension test, or completion of ENGL 0890 with a grade of "B" or better. Failure to demonstrate competency at the appropriate level will require you to take one or more courses to meet the program admission requirements. Students may not retake the ACCUPLACER test before completing the course/courses.

- Demonstrate competency in MATH 0600 through a standardized ACCUPLACER test score of 75 or above for the algebra section issued by the Department of Advising and Counseling **or** completion of MATH 0600 or MATH 1700 with a grade of "C" or better.

PROGRAM REQUIREMENTS

- The major requirements of this program must be taken in sequence. They are open only to students who are formally accepted into the program.
- No grade less than a "C" is acceptable in any of the technical courses (MRIC).
- Maintain a cumulative GPA of 2.0 or greater.
- Program faculty reserve the right to require withdrawal of any student from the program or to refuse reinstatement based on the student's academic, clinical or professional performance.
- ENGL 1300 may not be substituted for ENGL 1010.

Full-time students should take courses as follows:

First semester take: MRIC 2260, 2270; ENGL 1010; PSYC 2010

Second semester take: MRIC 2280, 2290; COMI 1010; General Education Elective