

# Valencia Community College

## Advanced Technical Certificate in MAGNETIC RESONANCE IMAGING

### ADMISSION CRITERIA

Admission to the Magnetic Resonance Imaging Program is limited to eligible applicants. Final selection may require a personal interview. *Applicants must be a United States Citizen or permanent resident to be eligible.*

#### **Application requirements:**

- \_\_\_\_\_ 1. Submit a completed college application for admission by the College Application Deadline. Visit Valencia's Web site at [www.valenciacc.edu/admissions](http://www.valenciacc.edu/admissions) for specific information.
- \_\_\_\_\_ 2. Applicants must submit documentation of current certification in one of the following:
  - Radiography (ARRT)
  - Radiation Therapy (ARRT)
  - Nuclear Medicine Technology (ARRT) or (NMTCB)
  - Diagnostic Medical Sonography (ARRT or ARDMS)
  - or be registry eligible in one of the above modalities
- \_\_\_\_\_ 3. Submit proof of current CPR certification (AHA Healthcare Provider), current PPD, and immunization records for MMR, HBV (3), and tetanus.
- \_\_\_\_\_ 4. Attend an advisement session with the Health Sciences Career Program Advisor, West Campus, Health Science Building Room 215, (407) 582-1288.
- \_\_\_\_\_ 5. Submit a completed application and required documents, by July 1<sup>st</sup>, to the Health Sciences Department, West Campus, Health Science Building, room 200. A \$15 non-refundable Magnetic Resonance Imaging Program fee (check or money order payable to Valencia Community College) must be submitted to the Business Department with each application. **A new application is required if reapplying for admission.**

#### **Please Note:**

- Students accepted into the program will be notified of the **mandatory** program orientation meeting prior to the start of the term.
- After acceptance and prior to the start of the first semester of Magnetic Resonance Imaging courses, students will be notified of the process required to complete a background check and the deadline for the completion of the check. **Applicants with a positive background check may be denied continuation in the program.** The current fee is \$49.00 and the responsibility of the student. The Nationwide Criminal Search is an additional \$10.00 if needed.

- Applicants for Valencia Community College Magnetic Resonance Imaging Program must be free of offenses that would disqualify them from a student clinical experience in a health care setting and must have their civil rights intact. This policy is in response to requirements by clinical agencies and State/Federal regulations.
- Each applicant must be screened by the Florida Department of Law Enforcement for criminal history. Each applicant must have a Social Security Verification, Residency History, Nationwide Sexual Offense Registry Search, Nationwide Healthcare Fraud/Abuse Scan, and a US Patriot Act/OFCA search. A Nationwide Criminal Search is also required if the applicant has worked, resided, or has been a student outside of Florida during the 2 year period prior to the start of any Health Science Program at Valencia. Applicants having concerns regarding these requirements are encouraged to make contact with the Allied Health Program Advisor well in advance of the deadline date.
- If you have ever been convicted of a felony or misdemeanor, you must contact the American Registry of Radiologic Technologists (ARRT) to determine that you are eligible and to gain clearance to take the certification examination, before beginning the program. (651)-687-0048 or [www.arrt.org](http://www.arrt.org)

## MAGNETIC RESONANCE IMAGING CURRICULUM

<u>Course</u>	<u>Title</u>	<u>Credits</u>
+RTE 2762	Sectional Anatomy	3
+RTE 2575	Magnetic Resonance Imaging I	3
+RTE 2576	Magnetic Resonance Imaging II	3
+RTE 2575L	Magnetic Resonance Clinical Education	3
	<b>Total Certificate Credits</b>	<b>12</b>

+ This course must be completed with a grade of C or better.

## COURSE OFFERINGS BY SEMESTER

Courses are offered such that they can be assimilated into the employed professional's schedule. It is recommended that Sectional Anatomy and Magnetic Resonance Imaging I courses be completed before you are scheduled for the Clinical Education course. If you are currently employed in MRI and are in the process of accumulating the ARRT required competencies, with appropriate documentation, you can achieve the requirements of the Clinical Education course and experiential credit can be granted..

**The following will be offered in Fall Term:**

+RTE 2762	Sectional Anatomy	3
+RTE 2575	Magnetic Resonance Imaging I	3

**The following will be offered in Spring Term:**

+RTE 2762	Sectional Anatomy	3
+RTE 2576	Magnetic Resonance Imaging II	3
+RTE 2575L	Magnetic Resonance Clinical Education	3

**The following will be offered in Summer Term:**

+RTE 2575L	Magnetic Resonance Clinical Education	3
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**ADMISSION PROCESS**

Students may choose to enroll in 1 or 2 courses per semester, as a result, admission will be granted, with appropriate credentials, on a first come, first served basis. Class size is limited to 32. In the case of equivalent credentials, admission preference will be given to Orange and Osceola County residents.

**CONTACT PERSON:**

**Health Sciences Program Advisor  
(407) 582-1288, HEALTH SCIENCE BUILDING, RM 215**

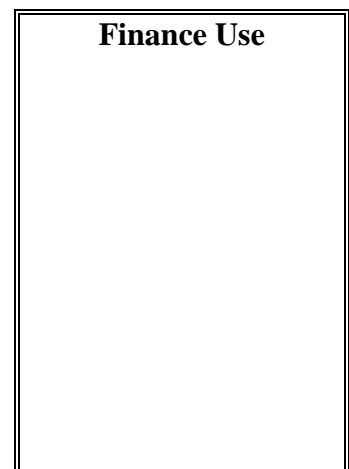
**Valencia Community College reserves the right to make changes in admission criteria and program information as circumstances require, and is an Equal Opportunity Institution.**

**Health Science Application**

A \$15 non-refundable application fee to the program (check or money order payable to Valencia community college) must be submitted to the Business office with **each** application. Application and check must be together. Do not send separately.

Please make payment to the Business Office **before** turning in your application.

Valencia Community College  
Business office SSB 101  
1800 S. Kirkman Road  
Orlando, FL 32811



# MAGNETIC RESONANCE IMAGING PROGRAM APPLICATION FOR ADMISSION

Date of application: \_\_\_\_\_

Name (Last) \_\_\_\_\_ (First) \_\_\_\_\_ (Middle) \_\_\_\_\_

(Maiden) \_\_\_\_\_ VCC ID# \_\_\_\_\_

Home Address \_\_\_\_\_

City, State, Zip, County \_\_\_\_\_

Telephone Number (Home/Day time): \_\_\_\_\_

Male \_\_\_\_\_ Female \_\_\_\_\_ Race \_\_\_\_\_ Birth Date \_\_\_\_\_

Are you a U.S. citizen? Yes \_\_\_\_\_ No \_\_\_\_\_

Are you a Florida resident? Yes \_\_\_\_\_ No \_\_\_\_\_

Have you applied to Valencia Community College? Yes \_\_\_\_\_ No \_\_\_\_\_

In which of the following are you certified? Attach copy of current certification/eligibility.

\_\_\_\_\_ Radiography (ARRT)

\_\_\_\_\_ Radiation Therapy (ARRT)

\_\_\_\_\_ Nuclear Medicine Technology (ARRT or NMTCB)

\_\_\_\_\_ Diagnostic Medical Sonography (ARRT or ARDMS)

\_\_\_\_\_ Registry eligible in one of the above

Excluding this application, how many times have you applied for admission to this program?

\_\_\_\_\_

**THE MAGNETIC RESONANCE IMAGING APPLICATION AND DOCUMENTATION  
MUST BE SUBMITTED BY JULY 1<sup>ST</sup> TO BE CONSIDERED FOR ADMISSION TO  
THE FALL SESSION CLASSES.**

**I AFFIRM THAT ALL INFORMATION ON THIS APPLICATION IS TRUE. I ALSO  
UNDERSTAND THAT IT IS FRAUDULENT TO MISREPRESENT ANY  
INFORMATION ON THIS FORM.**

\_\_\_\_\_  
**Signature**

## PERFORMANCE STANDARDS FOR ADMISSION AND PROGRESSION

ISSUE	STANDARD	EXAMPLES OF REQUIRED ACTIVITIES (NOT ALL INCLUSIVE)
Critical Thinking	Critical Thinking ability sufficient for safe clinical judgment.	<ul style="list-style-type: none"> <li>* Identify cause-effect relationships in clinical situations.</li> <li>* Evaluate images to ascertain that they contain proper identification and are of diagnostic value.</li> <li>* Select exposure factors and accessory devices for all procedures with consideration of patient size, age, and extent of disease.</li> <li>* Assess patient's condition and needs from a distance of at least 20 feet.</li> <li>* Initiate proper emergency care protocols, including CPR, based on assessment data.</li> </ul>
Interpersonal	Interpersonal abilities sufficient to interact with individuals, families, and groups from a variety of social, emotional, cultural, and intellectual backgrounds.	<ul style="list-style-type: none"> <li>* Establish rapport with patients, families, and colleagues.</li> </ul>
Communication	Communication abilities sufficient for interaction with others in verbal and written form.	<ul style="list-style-type: none"> <li>* Communicate in English to the patient in order to: converse, instruct the patient, relieve anxiety, gain their cooperation during procedures, understand the patient when communicating symptoms of a medical emergency.</li> <li>* Read the patient's medical chart and/or physician's orders.</li> <li>* Legibly write patient history.</li> <li>* Documents own actions and patient responses as indicated.</li> </ul>
Mobility	Physical abilities sufficient to move from room to room and maneuver in small spaces.	<ul style="list-style-type: none"> <li>* Assist all patients, according to individual needs and abilities, in moving, turning, transferring from transportation devices to the MRI couch, etc.</li> <li>* Be able to push, pull, and lift 40 pounds.</li> <li>* Push a stretcher, wheelchair or other transportation device without injury to self, patient, or others.</li> </ul>
Motor Skills	Gross and fine motor abilities sufficient to provide safe and effective care.	<ul style="list-style-type: none"> <li>* Accurately draw up sterile contrast media and other solutions without contaminating the syringe and/or needle, etc.</li> <li>* Physically be able to administer emergency care including performing CPR.</li> <li>* Calibrate and use equipment; position patients/clients</li> </ul>
Hearing	Auditory abilities sufficient to monitor and assess patient needs, and to provide a safe environment.	<ul style="list-style-type: none"> <li>* Hear a patient talk in a normal tone from a distance of 20 feet.</li> <li>* Hear monitor alarm, emergency signals, and cries for help.</li> </ul>
Visual	Visual ability sufficient for observation and assessment necessary in the operation of equipment and care of patients.	<ul style="list-style-type: none"> <li>* Observe the patient in order to assess the patient's condition and/or needs from a distance of, at least, 20 feet.</li> <li>* Can see numbers, letters, calibrations, etc. of varying sizes located on equipment utilized by an MRI technologist.</li> </ul>
Tactile	Tactile ability sufficient for patient assessment and operation of equipment.	<ul style="list-style-type: none"> <li>* Perform palpation, tactile assessment, and manipulation of body parts to insure proper body placement and alignment.</li> <li>* Manipulate dials, buttons, and switches.</li> </ul>

I have read and understand the performance standards necessary to be a competent Magnetic Resonance Imaging Technologist.

Signature \_\_\_\_\_

Date \_\_\_\_\_

## INDIVIDUALS WITH A DISABILITY

For the purpose of the Magnetic Resonance Imaging Program a “Qualified individual with a disability is one who, with or without reasonable accommodation or modification, meets the essential eligibility requirements for participation in the program.”

Magnetic Resonance Imaging is a practice discipline with cognitive, sensory, affective, and psychomotor performance requirements. Based on these requirements a list of “Performance Standards” has been developed. Each standard has an example of an activity or activities which a student will be required to perform while enrolled in the Computed Tomography program. These standards are a part of a professional role expectation.

These standards should be used to assist students in determining whether accommodations or modifications are necessary to meet performance standards. Students who identify potential difficulties with meeting the performance standards must communicate their concerns to the college counseling/advising staff and program director. The student has the obligation to identify and document the disabling condition and to ask for appropriate adjustments.

The department of Health Sciences at Valencia Community College makes no preadmission inquiries concerning an applicant’s disabling condition. Information related to an applicant’s disabilities is not a part of the information reviewed by the Admissions Committee.

Determination is made on an individual basis as to whether or not any accommodations or modifications can be reasonably made.

### Cost of the Magnetic Resonance Imaging Program 2007/2008

Approximate costs for instate students in the Magnetic Resonance Imaging Program include:

Tuition fees (\$69.69/cr. hr. x 12) * (Non-resident fee: \$261.95/cr. hr.)	\$ 836.00
Valencia Application Fee	25.00
MRI Program Application Fee	15.00
Background Fee	49.00
Physical Exam	150.00
Hepatitis Immunizations	150.00
Immunizations: PPD, MMR, Tetanus	75.00
CPR Certification	45.00
Books (approximate)	68.00
Uniforms, lab coat, shoes	150.00
Liability insurance	34.00
Name badge	10.00
<b>Approximate total</b>	<b>\$ 1607.00</b>

\* *Current fees subject to change*

To be credentialed the graduate must successfully complete the following:

<b>American Registry of Radiologic Technologists Examination for Magnetic Resonance Imaging</b>	<b>\$150.00</b>
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Magnetic Resonance Imaging students will be responsible for furnishing transportation to the community and/or hospital facilities used by the college for clinical practice.