

# Advanced Technical Certificate in Magnetic Resonance Imaging

2019-2020 Program Guide

**Admission requirements are subject to change. Please check for any admission updates:**

[valenciacollege.edu/west/health/admissionupdates.cfm](http://valenciacollege.edu/west/health/admissionupdates.cfm)

## Priority Application Deadline

July 1st

## Classes Begin\*

August – Fall Term

## ABOUT THIS LIMITED-ACCESS PROGRAM

This patient-focused program enables you to develop skills to become an MRI technologist. You will gain an understanding of the physical principles and instrumentation involved in MRI. This includes procedure protocols, evaluating equipment operation, ensuring accurate diagnosis and safe patient care. The Magnetic Resonance Imaging (MRI) Program is designed for individuals who are currently certified in Radiography (ARRT) or Radiation Therapy (ARRT) or Nuclear Medicine Technology (ARRT or NMTCB) or Sonography (ARRT or ARDMS) and hold an eligible degree from a regionally accredited institution. Program content follows the American Society of Radiologic Technologists (ASRT) curriculum to prepare program completers to take the American Registry of Radiologic Technologists (ARRT) certification examination in Magnetic Resonance Imaging. Completion of this certificate program does not insure permission to take the credentialing examination.

The Magnetic Resonance Imaging (MRI) program at Valencia is a limited access, bachelor's-level program and admission to Valencia does not guarantee acceptance to the program. Program applicants must also submit a School of Allied Health MRI Program Application and be accepted to the program. Except for the practicum courses, this is an online program designed for working professionals. The online courses do require some on-site testing at Valencia or at a location in your community. The program begins in fall term. **Although applications submitted prior to the priority application deadline are more likely to be processed for the upcoming term, applications can be submitted after the priority deadline.** Students who meet all admission requirements are accepted on a first-come, first-served basis until the class is filled; then students are placed on the waiting list for the next program start date. Applicants who decline entry for their identified admission term must reapply to the program.

\* <https://valenciacollege.edu/academics/calendar/>

## PROGRAM ADMISSION AND ACCEPTANCE CHECKLIST

- \_\_\_ 1. Be a U.S. citizen or a U.S. permanent resident.
- \_\_\_ 2. Review this Magnetic Resonance Imaging Program Guide and the overview and program requirements in the online Valencia catalog: <http://catalog.valenciacollege.edu/degrees/advancedtechnicalcertificates/>
- \_\_\_ 3. Submit a completed Valencia application for admission using the *Bachelor's Degree & ATC* application ([valenciacollege.edu/admissions-records/forms.cfm](http://valenciacollege.edu/admissions-records/forms.cfm)) and pay the non-refundable \$35 application fee. First-time Valencia bachelor's-level applicants must create a new application account. Active Valencia students who have an A.S. degree from Valencia in Radiography or Sonography are not required to pay the \$35 fee for the ATC in MRI.
- \_\_\_ 4. Have an address in the state of Florida.
- \_\_\_ 5. Submit the documentation to request Florida Residency for tuition purposes.
- \_\_\_ 6. Submit to Valencia's Admissions Office an official transcript that indicates you have earned an associate

degree, or higher, in Radiography or Diagnostic Medical Sonography or Radiation Therapy or Nuclear Medicine Technology from a regionally accredited institution. Students who hold the appropriate professional certification and any Associate in Science degree, Associate in Applied Science degree, or higher from a regionally accredited institution in any other field may also be considered for admission.

- \_\_\_\_\_ 7. Receive notification from Valencia's Admissions Office of *acceptance as a candidate* for the Advanced Technical Certificate in MRI.
- \_\_\_\_\_ 8. After receiving notification of college admission as a bachelor-level *candidate*, submit a School of Allied Health MRI Program Application with a copy of your current certification with American Registry of Radiologic Technologists (ARRT) or American Registry for Diagnostic Medical Sonography or Nuclear Medicine Technology Certification Board (NMTCB) or equivalent certification; employment documentation, if applicable; and the application fee. Your professional certification must remain current throughout your program enrollment. The Magnetic Resonance Imaging program application is available via: <https://valenciacollege.edu/academics/programs/health-sciences/magnetic-resonance-imaging/>

- \_\_\_\_\_ 9. Your official transcript must reflect *graduation with your eligible degree within the year prior to program application*.

**OR**

You must submit *documentation of employment within the year prior to program application in diagnostic imaging*. (If submitting documentation of employment, it must be on official letterhead.)

**OR**

You must *complete RTE 3116 Advanced Patient Care prior to taking RTE 4943L MRI Practicum*.

- \_\_\_\_\_ 10. Following program admission from the School of Allied Health, attend the mandatory MRI Program Orientation.
- \_\_\_\_\_ 11. Provide all required documentation by the Health Sciences Compliance Deadline, prior to beginning the MRI Practicum. These compliance requirements will be discussed at the MRI Program Orientation:
- Current criminal background check and fingerprinting
  - Drug screening
  - Physical exam form
  - Record with up-to-date immunization data
  - Current specific CPR certification

## **COST**

The estimated total cost for the Advanced Technical Certificate in Magnetic Resonance Imaging, including Florida Resident tuition for the 15 credits of program requirements, special course fees, and associated expenses such as the background check and immunizations is approximately \$2000. This estimate does not include books.

# SCHOOL OF ALLIED HEALTH CURRICULUM

## Magnetic Resonance Imaging Advanced Technical Certificate

Course	Title	Credits
RTE 3765	ANATOMY FOR THE MEDICAL IMAGER +*	3
RTE 3591	MRI PRINCIPLES AND INSTRUMENTATION +*	3
RTE 3592	MR IMAGING AND PROCEDURES +*	3
RTE 4943L	MRI PRACTICUM +*	3
RTE 3593C	ADVANCED MRI PROCEDURES +*	<u>3</u>
Total Credit Hours		15

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

\* This course has a prerequisite; check description in Valencia catalog.

Courses are scheduled to accommodate working professionals. The theory courses are taught online, although some testing may be on campus; students outside Central Florida can make arrangements for testing in their community. The clinicals are arranged in healthcare facilities with which Valencia College has affiliation agreements. RTE 3765 and RTE 3591 must be completed before taking RTE 4943L; RTE 3592 and RTE 4943L must be taken in the same term. **RTE 3592 and RTE 4943L must begin within 1 year of completion of RTE 3591 in order to assure current content knowledge needed safe clinical practice.** *To be placed in a practicum by Valencia, you must complete RTE 3591 and RTE 3592 at Valencia College and submit the Practicum Request Form by the applicable deadline.*

**If you are currently employed in MRI, or work at a facility that would allow you to cross-train in MRI,** and you are in the process of accumulating the ARRT required competencies, with appropriate documentation, you can satisfy the requirements of RTE 4943L MRI Practicum through Experiential Learning credit. If you choose to apply for Experiential Learning credit, you must submit the required documentation and pay the Experiential Learning fee per credit (rather than regular tuition).

### Fall Term:

RTE 3765	Anatomy for the Medical Imager	3
RTE 3591	MRI Principles and Instrumentation	3

### Spring Term:

RTE 3592	MR Imaging and Procedures	3
RTE 4943L	MRI Practicum	3

### Summer Term:

RTE 3593C	Advanced MRI Procedures	3
-----------	-------------------------	---

### ARRT MRI Registry

Technologists must meet the ARRT's education and clinical experience requirements to attain advanced modality registry eligibility. RTE 3591 MRI I and RTE 3592 MRI II satisfy the education requirement and the MRI Practicum provides clinical experience in performing and documenting MRI procedures toward the ARRT eligibility requirements. While the ATC in MRI does offer clinical components, the college is unable to guarantee ARRT registry eligibility. For more information on the ARRT requirements, visit [www.arrt.org](http://www.arrt.org).

### BS in Radiologic and Imaging Sciences

Valencia also offers the Bachelor of Science (BS) in Radiologic and Imaging Sciences (BSRAD) with a Concentration in MRI, CT, Mammography, Leadership, Cardiac Ultrasound or Vascular Sonography. Students who are eligible to enroll in the BSRAD can apply this advanced technical certificate toward degree graduation requirements. Students are admitted to the BS degree every term--Fall, Spring and Summer. The Program Guide with admission requirements for the BSRAD is found at <https://valenciacollege.edu/academics/programs/health-sciences/radiologic-imaging-sciences/>

**SCHOOL OF ALLIED HEALTH PROGRAM GUIDELINES**  
**FOR THE BACHELOR'S in RADIOLOGIC and IMAGING SCIENCES (BSRAD)**  
**and**  
**ADVANCED TECHNICAL CERTIFICATES IN CT, LEADERSHIP IN HEALTHCARE**  
**MRI, MAMMOGRAPHY, and VASCULAR SONOGRAPHY**

Valencia's Health Sciences programs are offered through the School of Allied Health and the School of Nursing, which provide information about specific admission criteria for the programs. The program guides, of which this is one, are developed for a specific academic year (August to July) and, as a rule, changes to admission and program requirements become effective at the start of an academic year; however, **Valencia College reserves the right to make changes in admission and program requirements as circumstances require.** If a mid-year change becomes necessary, it will be indicated via [valenciacollege.edu/west/health/admissionupdates.cfm](http://valenciacollege.edu/west/health/admissionupdates.cfm).

You may apply to only one bachelor's-level School of Allied Health program at a time and enrollment is limited to only one Allied Health program in a term.

**ATLAS EMAIL**

All communication from Valencia relative to program admission will be via your **Atlas email**. Written communication you send to Valencia staff should also be via your Atlas email and should include your name and your Valencia ID number.

**MANDATORY ORIENTATION**

The Advanced Technical Certificates in CT, MRI and Mammography require attendance at the mandatory, on-campus Program Orientation prior to the program start. The Program Orientation for the ATC in Vascular Sonography is conducted during the on-campus class. The ATC in Leadership does not require a Program Orientation.

**ONLINE PROGRAMS/TESTING**

The online courses may require on-site testing at a Valencia campus or at another site if Valencia is not convenient for you. If you want to take your examinations in another proctored location, you will need to do so at an approved testing site such as a college or public library that offers proctoring services and which may require a fee.

**BACKGROUND CHECK, FINGERPRINTING, DRUG TESTING, IMMUNIZATIONS AND CPR CERTIFICATION**

Other than the ATC in Leadership and the Leadership Concentration in the BS in Radiologic and Imaging Sciences, the Allied Health bachelor-level programs in the Health Sciences programs include student clinical rotations in external affiliate healthcare facilities with which Valencia has agreements for student clinical assignments. The affiliates' policies require that students serving in a clinical rotation be cleared of offenses that would disqualify them from participating in student clinical assignments. Thus, all students in a program or degree concentration that requires a clinical experience must submit to a criminal background check, fingerprinting and drug screening as well as provide documentation of specific immunizations and CPR certification prior to participation in the clinical experience.

If you have a positive background check, fingerprint or drug test, you may be denied enrollment in a Health Sciences program due to the inability to participate in a student clinical assignment. If you have concerns regarding known background issues, it is recommended that you email questions to [hscompliance@valenciacollege.edu](mailto:hscompliance@valenciacollege.edu).