

## MAGNETIC RESONANCE IMAGING FOR TECHNOLOGISTS APPLICATION INFORMATION

Thank you for your interest in the **Magnetic Resonance Imaging Program** offered by Chattanooga State Community College. The one semester course is offered in two course-credit formats once a year in the fall semester with a limited number of openings. **Since acceptance is on a first-qualified, first-accepted basis, applicants should submit all required information immediately.** Qualified applications received after the class is full will be accepted for the following class and placed on a reserve list to fill the space of any withdrawals.

The Magnetic Resonance Imaging (MRI) Program is designed to meet the professional needs of radiologic technologists for formal specialized education in MRI. The curriculum includes the following topics:

- MRI Physics
- Cross-Sectional Anatomy
- Patient Safety
- Site Development
- MR Imaging Techniques (Applicable to All MR Imaging Systems)
- Patient Care and Management
- Pathology
- Quality Control

Students who desire four semester hours of college credit attend six Saturday/Sunday instructional sessions and twenty-four hours in clinic. The instructional classes are conducted at the Chattanooga State Main Campus on Amnicola Highway (Health Science Center). Arrangements for the required clinical component are made by the student and may be obtained at an MRI facility in the student's geographic area. Students must purchase liability insurance or show evidence of self-coverage of \$1,000,000 or more. Insurance is available through Chattanooga State for approximately \$11 and is payable at the first class.

The 11 semester-credit hour format is recommended by MRI program faculty and meets the didactic and clinical requirements set by the American Registry of Radiologic Technologists for the certification examination in Magnetic Resonance Imaging and leads to a Technical Certificate (4 semester hour class does not lead to technical certificate but results in college credit only). In addition to the requirements previously described for the 4 semester-hour format, the student is required to complete 7 semester hours (225 contact hours) of clinical education at an MRI facility in the student's geographic area (contract arranged by student). **A completed agreement between the MRI facility and the student must be submitted prior to the fall semester beginning.**

Historically, students who are enrolled concurrently in the didactic (MRI-200) and clinical (MRI-230) components of the MRI program perform better in the classroom work and are better prepared for employment in an MRI facility; consequently, program faculty encourage students to take the 11 credit hour format. The clinical course may be completed by April 1 of the spring semester. **Successful completion of both courses through Chattanooga State is required to receive a Technical Certificate;** however, completion of the didactic course will result in college credit for that course. If you choose to do your clinical requirements through the ARRT, your transcript will be your proof of completing the didactic portion.

**CHATTANOOGA STATE COMMUNITY COLLEGE  
MAGNETIC RESONANCE IMAGING**

**WHAT:**

- Two course-credit formats
- 4 or 11 semester credit hours – 64 or 176 CEU's respectively for purpose of ARRT continuing education
- Prepares for independent performance of whole-body MRI

**WHO:**

Registered Magnetic Resonance Technologist ARRT (R) (MR)

- advanced standing if presently perform independent whole-body MRI
- expand knowledge base – stay current
- satisfy CEU requirements for ARRT for 2 year period
- satisfy whole-body MRI education requirements

Registered Technologists ARRT (R)

- expand into new modality
- prepare for advanced certification in MRI
- satisfy ARRT CEU requirement for 2 year period
- advanced standing if have performed whole-body MRI an equivalent of one year, full-time within the past 3 years

Registry (ARRT) eligible new graduates

- prepare for job in magnetic resonance imaging
- prepare for advanced certification in MRI
- satisfy magnetic resonance education experience requirements

**WHEN:**

- Up to six Saturday/Sunday instructional sessions plus completion of clinical component
- 8:00am ET to 5:00pm ET

**WHERE:**

- Instructional Sessions:

Chattanooga State Community College  
4501 Amnicola Hwy (Main Campus near Hwy 153)  
Health Science Center Building, Room 1083  
Chattanooga TN 37406  
Division (423) 697-4450 Fax: (423) 493-8771

- Clinical Education:

Student arranges MRI facility in geographic area convenient to student.  
Contract between student and MRI facility must be approved prior to start of clinic.

**SEND MRI APPLICATION TO:**

Chattanooga State Community College  
Allied Health Division, MRI Program  
4501 Amnicola Highway  
Chattanooga TN 37406

Attach proof of your completion of a CAHEA/JRCERT accredited Radiologic Technology Program and Certification or eligibility for certification by American Registry of Radiologic Technology. Radiologic Technologists certified and registered by the American Registry of Radiologic Technologists (ARRT) may receive advanced standing for the clinical education component if they have independently performed whole-body magnetic resonance imaging an equivalent of one year, full time within the past 3 years. In addition, competence in the performance of magnetic resonance imaging of the head, neck, spine, chest, abdomen, pelvis and musculoskeletal system must be demonstrated.

In this packet you will find:

- Magnetic Resonance Imaging Application Information
- Magnetic Resonance Imaging Application Form
- Course Fact Sheet
- Admission Procedures
- Estimated Cost and Required Textbooks List
- Hotel Accommodations near Highway 153 at Amnicola Hwy

Remember: Chattanooga State Community College Application must also be filled out. Send application and fee if this is the first credit course taken at Chattanooga State. To receive a college application visit: <http://www.chattanoogastate.edu/admissions>

### **ADMISSION PROCEDURES:**

In addition to completing the application process for admission to Chattanooga State, students seeking admission to the Magnetic Resonance Imaging Program must also submit a MRI Application Form to the Division of Nursing and Allied Health. Applicants must be graduates of a CAHEA/JRCERT accredited Radiologic Technology Program and eligible for certification or certified and registered by the ARRT.

### **Deadline**

Applicants for fall semester must be submitted by June 15 for priority consideration. Maximum class size is 35 students.

### **Course Schedule and Tuition**

In mid-July, a confirmation letter containing dates and other pertinent information (book list, agreement/observation form) will be mailed to accepted applicants. You must be registered and fees paid before the first class.

### **Hotel Accommodations near ChSCC main campus - Hwy 153 at Amnicola Hwy**

Holiday Inn Express Hotel & Suites, 4820 Hixson Pike, Hixson, TN (423) 877-6464  
Hixson Comfort Inn, 4833 Hixson Pike, Hixson, TN (423) 877-8388  
Hampton Inn, 1020 Hamil Rd, Hixson, TN (423) 877-3100  
Country Inn & Suites - Hixson, 5105 Hwy 153, Hixson, TN (423) 308-2333  
Homeaway Extended Stay Studios LLC, 1949 Northpoint Blvd, Hixson, TN (423) 643-4663

**Other hotel locations and prices:** If you wish to find a hotel closer to downtown or convenient freeway access, please look online at [www.mapquest.com](http://www.mapquest.com), [www.yellowpages.com](http://www.yellowpages.com) or [www.travelocity.com](http://www.travelocity.com) for a map search of hotels in the area.

For any additional information concerning any aspects of the MRI program, please contact the Division of Allied Health office at Chattanooga State 423-697-4450, Fax: 423-493-8771 or direct mailings to:

Chattanooga State Community College  
Allied Health MRI program  
4501 Amnicola Highway  
Chattanooga, TN 37406-1097

**PLEASE NOTE THAT THE FOLLOWING TUITION, FEES, AND BOOK LIST WAS BASED ON THE *FALL 2011* SCHOOL TERM AND ARE SUBJECT TO CHANGE.**

**TUITION/FEES**

Category 1: <u>In-state resident</u> : MRI 200 <i>Class only</i> : <u>4</u> semester hours (includes 24 clinical hours)	\$ 592.00
Category 2: <u>In-state resident</u> : MRI 200 Class (includes 24 clinical hours) & MRI 230 (225 clinical hours) <i>Class &amp; Clinic</i> : <u>11</u> semester hours	\$1,574.00
Category 3: <u>Out-of-state resident</u> : MRI 200 <i>Class only</i> : <u>4</u> semester hours (includes 24 clinical hours)	\$2,196.00
Category 4: <u>Out-of-state resident</u> : MRI 200 Class (includes 24 clinical hours) & MRI 230 (225 clinical hours) <i>Class &amp; Clinic</i> : <u>11</u> semester hours	\$5,985.00

**LIST OF MISCELLANEOUS FEES:**

*MALPRACTICE INSURANCE (If already insured: please submit proof of \$1,000,000 malpractice coverage)	\$11.00
*GENERAL ACCESS FEE/TECHNOLOGY (is included in fee cost)	

**TEXTBOOKS:**

**Once you are in the program these books are required the first day of class.**

**There are three required textbooks for MRI 20001:**

MRI in Practice, 3<sup>rd</sup> Edition, BLSCI, ISBN 1-4051-2787-2, Westbrook & Kaut-Watson

MRI For Technologists, 2001, MCG Pub., ISBN 0-07-135318-6, Woodward

Sectional Anatomy for Imaging Professionals, 2006, Mosby Pub., ISBN 0-323-02003-8, Kelley

**The following optional texts are also available:**

Sectional Anatomy for Imaging Professionals Workbook, 2006, Mosby Pub., ISBN 0-323-02004-6,  
Kelly

Handbook of MRI Technique, Latest Edition, BLSCI, ISBN 1-4051-6085-3, Westbrook

Reference Manual for Magnetic Resonance Safety, Latest Edition, ISBN 0-9746410-3-4, Sherlock

Magnetic Resonance Imaging Review, Lippincott, ISBN 0-397-55156-8

