

Prepare for a Healthcare Career as an **MRI Technologist**





WE ALL DREAM OF SUCCESS. OUR GOAL IS TO HELP YOU ACHIEVE IT.

Meet American Career College

With over 45 years of experience in healthcare training and more than 70,000 graduates, ACC is here to help you make your goals a reality.

Our classes are modeled after real-life scenarios, using the same medical tools and equipment you'll use on the job. That way, you're prepared to jump in on your very first day. We provide education focused on real-world skills and knowledge, giving our students the opportunity to change their lives for the better.

What is an MRI Technologist?

MRI technologists use magnetic resonance imaging equipment to help capture detailed images of the body. They work with patients, follow safety protocols, position patients for scans, and support physicians by producing quality diagnostic images.¹

Program Overview

ACC's **Associate of Occupational Science in Magnetic Resonance Imaging** program is designed to help students build foundational knowledge in MRI physics, cross-sectional anatomy, imaging procedures, patient care, MRI safety, pharmacology, pathology, and clinical skills. The program combines online coursework, campus-based instruction, hands-on lab training, and clinical experience.

MRI Technologist Skillset



Perform MRI Exams

Learn the fundamentals of MRI procedures, imaging techniques, patient positioning, and image acquisition.



Deliver Patient-Focused Care

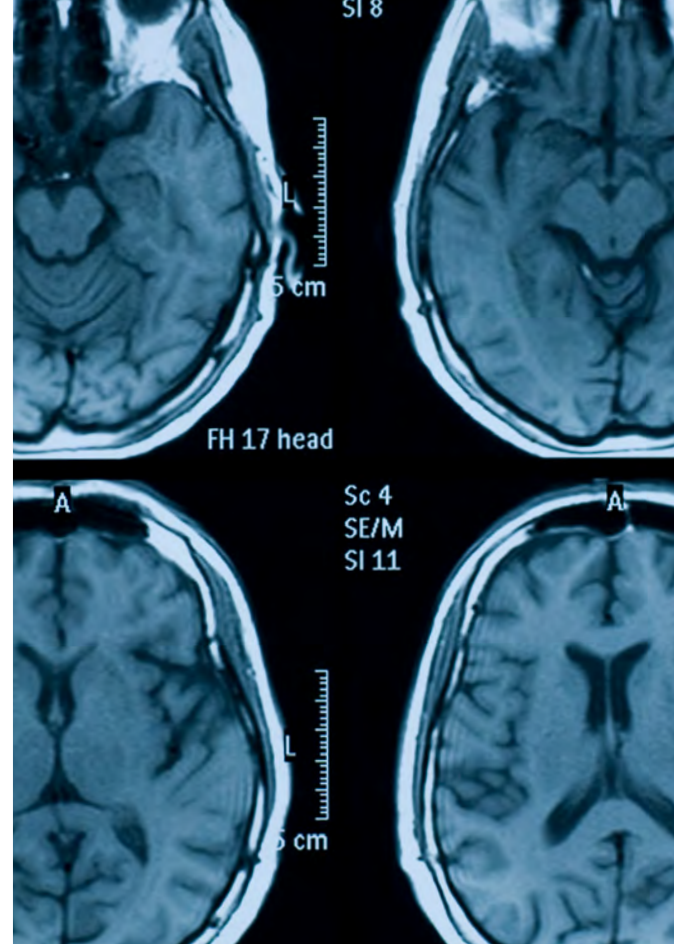
Build patient care and communication skills that support safe, professional MRI experiences.



Practice MRI Safety

Study MRI safety protocols, screening procedures, and the responsibilities of working in the MRI environment.

¹<https://www.bls.gov/ooh/healthcare/radiologic-technologists.htm>



Magnetic Resonance Imaging Program

The Magnetic Resonance Imaging program combines online coursework, campus-based learning, hands-on lab training, and clinical experience. Students will have the opportunity to build skills in MRI procedures, cross-sectional anatomy, image formation, patient care, MRI safety, pharmacology, pathology, and registry preparation. Throughout the program, students work toward developing imaging competency, critical thinking, communication skills, and the knowledge needed to support patient care in MRI settings.

Term 1

ANAT105

Clock Hours **60** | Quarter Credits **6**

Introduction to Anatomy & Physiology

The purpose of this course is to understand the organization and general plan of the body and the importance of how the human body functions. This includes an introduction to the human body, chemical aspects of the life, cells, tissues, membranes, and the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems.

MATH100

Clock Hours **40** | Quarter Credits **4**

College Mathematics I

This course covers fundamental mathematical concepts including algebraic expressions, linear equations, graphing, polynomials, exponents, radicals, and their applications in real-world scenarios, providing a comprehensive foundation for further mathematical studies.

MR100

Clock Hours **20** | Quarter Credits **2**

Introduction to MRI

This introductory course outlines the role of a Magnetic Resonance Imaging (MRI) technologist, the history of MRI, hospital and imaging facility operations and professional organizations/accreditation. The students will be introduced to healthcare practices, profession information and the policies for the program.

Term 2

MR200

Clock Hours **40** | Quarter Credits **4**

MRI Physics

This course provides important concepts of how magnetic resonance images are produced. MRI history, magnetism, and electricity are also covered.

MR205

Clock Hours **40** | Quarter Credits **4**

Cross-Sectional Anatomy I

This course introduces the concepts of sectional imaging. Emphasis is placed on visualizing human anatomy in the transverse, sagittal, and coronal planes. The head, brain, facial, and neck regions are also explored.

ENGL100

Clock Hours **40** | Quarter Credits **4**

Written Communications I

This course provides instruction in the process of effective written communication for a variety of formats. It initially focuses on four basic areas of effective writing: unity, specifics, coherence, and grammar. The course will utilize reading, discussion and personal insight to increase students' capacity to write simple paragraphs, formal essays, reports and research projects. Students will be equipped with techniques that facilitate creative, academic, and professional written communication. Additionally, students will be given library activities to enhance research skills.

MR210

Clock Hours **30** | Quarter Credits **2**

MRI Procedures I

This course provides an introduction to the procedures and protocols of MRI scanning.

Term 3

MR300

Clock Hours **30** | Quarter Credits **3**

MRI Image Formation & Acquisition

This course provides a comprehensive overview of the principles and techniques behind MR imaging with focus on image formation and data acquisition. Students learn radiofrequency (RF) pulses and relaxation mechanisms for MR imaging.

MR305

Clock Hours **40** | Quarter Credits **4**

Cross-Sectional Anatomy II

This course continues the cross-sectional content with an exploration of anatomy in the thorax, abdomen, and pelvis. Emphasis will be placed on understanding the spatial relationships of organs, vasculature, musculature, and skeletal landmarks.

MR310

Clock Hours **30** | Quarter Credits **2**

MRI Procedures II

This advanced course builds on the foundational concepts of MRI Procedure I. The key components include learning additional procedures and protocols for MR Imaging.

MR315

Clock Hours **50** | Quarter Credits **4**

Patient Care

This course will introduce students to the principles of patient care within the MRI setting. The topics included are patient preparation, effective communication, MRI safety, and patient rights.

Term 4

MR400

Clock Hours **40** | Quarter Credits **4**

MRI Applications & Safety

This course provides an overview of safety protocols for the MRI environment. The practical applications of MRI imaging is explored.

MR405

Clock Hours **40** | Quarter Credits **4**

Cross-Sectional Anatomy III

This course concludes the sectional anatomy content with an exploration of the anatomy of the spine and the upper and lower extremities. Emphasis is placed on the spatial relationships of organs, vasculature, musculature, and bony landmarks.

MR410

Clock Hours **30** | Quarter Credits **2**

MRI Procedures III

This course completes the procedures content for MRI imaging. More key components of MRI scanning techniques are covered and explained.

MR415

Clock Hours **20** | Quarter Credits **2**

Medical Law & Ethics

This course covers legal, ethical, and professional concepts in healthcare. Topics examined include patient rights, informed consent, confidentiality, and legal implications of medical imaging procedures.

Term 5

MR500C

Clock Hours **240** | Quarter Credits **8**

Clinical Skills I

This MRI clinical course provides hands-on experience alongside didactic instruction. Students will learn to manipulate MRI equipment, select imaging parameters, and protocols based on exam and patient conditions.

MR500

Clock Hours **10** | Quarter Credits **1**

AI In Imaging

This course will examine AI applications across imaging sciences. The key topics addressed are disease classification, 3D visualization, organ/tissue segmentation, and AI usage from acquisition to annotation.

MR515

Clock Hours **40** | Quarter Credits **3**

MRI Pharmacology & Administration

This course provides a comprehensive overview of the knowledge and practice of administering diagnostic contrast agents during MRI procedures.

Term 6

MR600C

Clock Hours **240** | Quarter Credits **8**

Clinical Skills II

Clinical Skills II builds upon the introductory skills to help students refine communication, scanning skills, and clinical reasoning.

MR615

Clock Hours **20** | Quarter Credits **2**

MRI Pathology

This course will familiarize students with pathological conditions seen on MRI scans. Concepts include identifying, differentiating, and understanding common pathologies.

Term 8

PSYC100

Clock Hours **40** | Quarter Credits **4**

Introduction to Psychology

This course provides basic psychological concepts such as the nervous system, memory, intelligence, and development as well as Freudian, humanistic, social, cognitive, and trait theories.

Term 7

MR700C

Clock Hours **240** | Quarter Credits **8**

Clinical Skills III

This course continues to build on the previous clinical courses. Learners will advance their competencies by performing more complex procedures, refining patient care, and sharpening communication skills.

MR715

Clock Hours **40** | Quarter Credits **4**

Registry Review I

This is a structured course designed to prepare students for the American Registry of Radiologic Technologists (ARRT) MRI certification through content review and practice exams.

MR800C

Clock Hours **240** | Quarter Credits **8**

Clinical Skills IV

This course provides students with the culminating clinical experience. At a clinical setting, students will perform a wide range of MRI procedures independently. The focus is to complete all competencies required by the ARRT.

MR815

Clock Hours **40** | Quarter Credits **4**

Registry Review II

This is a structured course designed to prepare students for the American Registry of Radiologic Technologists (ARRT) MRI certification through content review and practice exams.

PD200

Clock Hours **20** | Quarter Credits **2**

Career Readiness and Professional Development

This course provides advanced instruction in transferable academic and professional competencies for students in the completion phase of an associate degree program. Emphasis is placed on the

analysis and application of effective written and oral communication, critical thinking, and ethical reasoning in academic and professional contexts. Students integrate prior learning to evaluate professional scenarios, assess interpersonal and professional behaviors, critically evaluate information from multiple sources, and synthesize self-assessment data to develop strategies supporting academic completion, adaptability, and lifelong learning across diverse career pathways.

PROGRAM TOTAL:

Clock Hours 1720

Quarter Credits 103



One Change Changes Everything

Accreditation

ACC is institutionally accredited by the Accrediting Bureau of Health Education Schools (ABHES). ABHES: 6116 Executive Blvd., Suite 730, North Bethesda, MD 20852, 301-291-7550 / www.abhes.org.

Student Outcome Information		
Accrediting Bureau of Health Education Schools (ABHES) Orange County: New program California Bureau for Private Postsecondary Education (BPPE) Orange County: New Program		
Program Costs		
https://americancareercollege.edu/catalog/current/financial-information/program-tuition-and-fees/degree-programs-tuition		
O*Net Occupation Titles	SOC Code	Links to Occupational Profiles on O*Net
MRI Coordinator (Magnetic Resonance Imaging Coordinator), MRI QA Coordinator (Magnetic Resonance Imaging Quality Assurance Coordinator), MRI Radiographer (Magnetic Resonance Imaging Radiographer), MRI Specialist (Magnetic Resonance Imaging Specialist), MRI Tech (Magnetic Resonance Imaging Technician), MRI Technologist (Magnetic Resonance Imaging Technologist), Research MRI Technologist (Research Magnetic Resonance Imaging Technologist)	29-2035.00	http://www.onetonline.org/link/summary/29-2035.00
To obtain a list of the objective sources of information used to substantiate the salary disclosures, please refer to the California Employment Development Department website at: https://www.labormarketinfo.edd.ca.gov/Occupational-Guides.html . ACC provides career guidance and assistance but cannot guarantee employment. Programs lengths vary by schedule and session. The opinion is the individual's sole opinion and not necessarily representative of that of the school, any instructor or any other student.		

Location

Orange County
campus

Duration

Approximately
20 months

Schedule

Combination
of campus and
online instruction.
Schedule will vary
by quarter.

Enrollment Requirements

Some of the admissions requirements include:

- Must be at least 18 or have a parent's or guardian's signature
- Must have a high school diploma or the equivalent
- Must take and pass entrance exam

Be sure to speak with an admissions advisor to get all the necessary information to apply for the MRI program.

Instructional Equipment

Here are some of the tools you will get hands-on experience with: MRI simulator, Siemens 32-channel mock head coil, mock MRI shoulder coils, mock MRI foot/ankle/knee coil, mock MRI spine coil, mock MRI abdomen coil, MRI simulator participant securing system, participant camera, and simulator headphone system.

Curious to Learn More? Let's Connect

Discover how ACC's program helps set you on the path towards a rewarding career, **connect with an advisor** to learn more about the MRI program and explore financial aid options.

AmericanCareerCollege.edu
1-888-thinkACC (844-6522)

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