

Advance Your Training with a **BS in Radiologic Sciences**





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.

Why earn a BS in Radiologic Sciences?

A Bachelor of Science in Radiologic Sciences empowers you to move beyond entry-level imaging and into specialties like MRI, CT, IR, and mammography. It's a strategic next step designed to enhance your credentials, strengthen your clinical expertise, and expand your opportunities in today's competitive healthcare environment.

Program Overview

ACC's **BSRS program** aims to help prepare you for leadership roles, specialized certifications, and long-term professional growth. This bachelor's degree completion program is designed for students who already have an associate degree and hold current ARRT certification in Radiography or hold current ARRT or ARMRT certification in MRI.

BS in Radiologic Science Skillset



Post-Primary Certification Pathways

Prepare for ARRT post-primary certifications in MRI, CT, Mammography, and Interventional Radiography to expand your clinical scope and earning potential.



Professional Advancement Opportunities

Strengthen your qualifications with a Bachelor's degree designed to support career mobility, specialty growth, and long-term advancement in radiologic sciences.



Leadership & Administrative Readiness

Build the knowledge and decision-making skills needed for supervisory, lead technologist, education, or healthcare administrative roles.



BS in Radiologic Sciences Program

ACC's BSRS program offers a 100% online path to continue your education in radiology. The program includes coursework aligned with ARRT education requirements for post-primary certification exams in CT, MRI, mammography, and interventional radiography. Earn your online radiologic science bachelor's degree in less than 15 months.

TERM 1

HRA100

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

Healthcare Regulatory Compliance and Accreditation

This course explores compliance programs in a hospital setting and at the local, state, and federal levels. Students will analyze case studies, engage in problem-based learning activities, and gain an understanding of internal and external audits to design an effective compliance program and effectively correct issues of noncompliance.

PATH100

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

Pathophysiology

This course provides a comprehensive approach to diseases based on physiological concepts. Students will learn to differentiate acute versus chronic compensatory mechanisms in response to disturbances of homeostasis in major body systems, both physical and chemical stressors.

ENGL200

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

College Composition II

The course conducts intensive study and practice of advanced writing principles for research papers and a detailed review of APA Style and library research. The focus is on the development of critical thinking skills needed to analyze and critique written communication. A review of writing principles includes developing thesis statements, providing support, formatting proper citation and reference pages, and creating clear organization of main points. APA Style and library usage and research are required.

TERM 2

LEH200

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

Leadership in Healthcare

This course analyzes leadership theories, models, and concepts by emphasizing applications to the healthcare industry. The focus is on evaluating the essential attributes required of a leader in today's healthcare organization and exploring topics such as ethics, integrity, servant leadership, emotional intelligence, conflict management, and team values.

HPS200

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

Healthcare Payment Systems

This course evaluates current trends and traditional methods of payment and reimbursement in the healthcare industry. The fundamentals and terminology of different payer systems in healthcare are covered. Students will analyze third-party payer requirements, Medicare's payment systems, healthcare providers' role, and revenue cycles.

RD200

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

Advanced Cross-Sectional Anatomy

This course is designed to expand knowledge and skills in the theory of Cross-Sectional Anatomy. Students will advance their understanding of the specialized study of cross-sectional anatomy as it relates to the sectional imaging modalities of Computed Tomography (CT) and/or Magnetic Resonance Imaging (MRI). The course will prepare the student to become a competent entry level CT and/or MRI Technologist.

TERM 3

RD300

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

CT Applications

This course is designed to expand knowledge and skills in the theory and practice of Computed Tomography (CT). Students will learn and develop competence in patient care, communication skills, critical thinking, and technical skills as they relate to CT. The course will prepare the student take the certification exam for CT and to become a competent entry level CT Technologist.

HMG300

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

Introduction to Healthcare Management

This course evaluates healthcare management within a variety of health organization settings such as hospitals, nursing homes, and outpatient clinics. This course introduces topics in ethics, leadership, organizational behavior, information technology, healthcare financing, health disparities, teamwork, reemerging outbreaks, bioterrorism, violence in healthcare settings, and medical tourism.

HRM300

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

Research Methods in Healthcare

This course explores research in health care with an emphasis on tools to make informed decisions for patients and the healthcare sciences. Students will examine ethical considerations, evaluate the research process, analyze qualitative, quantitative, and mixed research methods; determine the reliability and validity of questionnaires, explore descriptive and comparative statistics, and statistical modeling.

TERM 4

RD400

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

MRI Applications

This course provides the student with an understanding of the applied physics and techniques used in Magnetic Resonance Imaging (MRI) procedures. The content includes instrumentation, method of image formation, pulse sequences, sources of image artifacts, diffusion, and perfusion. The course will prepare the student to become a competent entry level MRI technologist.

HUM400

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

Cultural Diversity

This course compares varied cultural traditions among groups of people in each society who are simultaneously interdependent and autonomous. The emphasis is on shared socioeconomic and political systems of people in a society and an appreciation of the distinct cultural practices among groups who coexist within that society. Diversity of race, ethnicity, gender, socioeconomic status, disability, religion, and sexual orientation are studies. Effective communication and conflict resolution are a focus throughout the course.

BIOS400

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

Biostatistics

This course is designed to familiarize students with the concepts, methods, and tools of health data collection, use, and analysis to include why evidence-based approaches are an essential part of health data collection.

TERM 5

HLE500

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

Applied Law & Ethics

This course introduces biomedical and health care ethics. Topics to be explored include a wide range of subjects such as research involving humans and animals, human genetics, reproduction, death and dying, organ transplantation, public health, biotechnology, and bioscience. It will help students understand how health care professionals and consumers make difficult health care choices for their patients, loved ones, and themselves.

CAPA

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

Capstone Course A

Opportunities in and beyond Radiography is designed to deepen students' knowledge of opportunities for career advancement. Students will explore various radiographic imaging specialties, healthcare organizational structure, research strategies, leadership roles, and more. This exploration serves as the groundwork for selecting a specific area for in-depth research culminating in a detailed 10–12-page research paper. The research done will lay the foundation for a subsequent project in Capstone B, where the concepts will be applied in a multimedia project. This course is structured to foster critical thinking, encourage independent research, and develop comprehensive knowledge in the focused area of choice.

RD500A or RD500B

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

RD500A: Interventional Radiography

This course provides the student with an understanding of the principles of Vascular Interventional Radiography (IR). The content includes proper patient care, fundamentals of a sterile setting, evaluation of equipment used, and the procedures performed. The course will prepare the student to become a competent entry-level IR technologist.

RD500B: Mammography

This course is designed to deliver knowledge and skills in the theory and practice of Mammography. Students will learn and develop competence in patient care, communication skills, critical thinking, and technical skills as they relate to Mammography. The course will prepare the student to take the certification exam for Mammography and to become a competent entry level Mammography Technologist.

TERM 6

RD600

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

Advanced Imaging Pathology

This course is designed to expand knowledge and skills in the theory of Imaging Pathology. Students will advance their understanding of pathology as it relates to the sectional imaging specialties of Computed Tomography (CT) and/or Magnetic Resonance Imaging (MRI). The course will prepare the student to become a competent entry level CT and/or MRI technologist.

PSYC200

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

Emotional Intelligence

The course identifies personal emotional intelligence (EQ) skills which can be developed into strengths; analyzes strategies to calculate and improve EQ by exploring what factors trigger EQ scores; explores self-awareness strategies, self-management strategies, relationship management strategies, and social awareness strategies.

CAPB

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

Capstone Course B

Capstone B: Advanced Applications and Innovations in Radiography is an immersive, project-based course designed to build upon the foundational knowledge acquired in Capstone A. This course challenges students to apply their skills in real-life scenarios and grow within the healthcare profession. Students will engage in one of four project options, each tailored to develop specific skills such as enhanced communication, cultural competency, leadership, and advanced technical proficiency. This course is structured to foster critical thinking, encourage independent research, and develop comprehensive knowledge and skills in the focused area of choice.

PROGRAM TOTAL:

Clock Hours **720**

Quarter Credits **72**



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.

Approval		
The BS in Radiologic Sciences is institutionally accredited by the Accrediting Bureau of Health Education Schools (ABHES) and approved by the California Bureau for Private Post-secondary Education (BPPE). However, federal financial aid approval is still pending. Federal financial aid is not guaranteed for student enrolling before approval, and you may need to secure alternative funding.		
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
Computed Tomography Technologist (CT Technologist), MRI Technologist (Magnetic Resonance Imaging Technologist), Mammographer, Mammography Technologist, Radiographer, Radiologic Technologist (RT), Radiological Technologist, Radiology Technologist, Staff Technologist, X-Ray Technologist (X-Ray Tech)	29-2034.00	https://www.onetonline.org/link/summary/29-2034.00
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

Ontario campus

Duration

Approximately 15 months

Schedule

Asynchronous, 100% online

Enrollment Requirements

To enroll in the Bachelor of Science in Radiologic Sciences program, applicants must have graduated from an accredited Radiography or MRI associate degree program and meet one of the following certification requirements:

- Hold current ARRT certification in Radiography, (or)
- Hold current ARRT or ARMRIT certification in MRI

Official transcripts and certification documentation are required for admission.

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 BS in Radiologic Sciences program and explore financial aid options.

AmericanCareerCollege.edu

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