ASSOCIATE DEGREE*

MEDICAL RADIOGRAPHY

Picture yourself with a bright future.

Medical imaging is a crucial diagnostic tool, one that radiographers are responsible for providing. They use diagnostic level radiation and instrumentation to produce medical images of the body – X-rays. Supervised by radiologists, they are responsible for proper positioning of patients and ensuring proper exposure for optimum film resolution, with the least radiation exposure. Administration of drugs and preparation of chemical mixtures are also among the responsibility of medical radiographers.

Our program covers information and skills you'll need in your career, including pathology and radiographic procedures. To help you become secure in your skills, you'll receive hands-on clinical instruction in approved health care facilities. Carrington College® helps students prepare for the national certification exam.† The program culminates in an Associate of Science Degree.

According to the U.S. Bureau of Labor Statistics, employment of radiologic technologists is expected to increase by about 21% from 2012-2022‡

Duties May Include:

- Ensuring proper patient positioning
- Ensuring proper exposure for optimum film resolution
- Ensuring least radiation exposure to patient
- Administration of drugs and preparation of chemical mixtures

Possible Employment Opportunities:

- Physician offices
- Medical Imaging centers
- Comprehensive medical centers

For comprehensive consumer information visit carrington.edu/cc/mr

* Program availability varies by location. Carrington College reserves the right to update information as it becomes available. Information is current at the time of printing. For the most updated information, visit carrington.edu.

† Carrington College prepares students to take appropriate certification and licensure exams related to their individual majors. The College does not guarantee students will successfully pass these exams or be certified or licensed as a result of completing the program.

‡ Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook (2014-15 Ed.)

CARRINGTON COLLEGE®

877-623-1442
CARRINGTON.EDU

ASSOCIATE DEGREE - MEDICAL RADIOGRAPHY

Student Learning Outcomes

Upon completion of the Medical Radiography program, graduates will be able to:

- Demonstrate clinical competency.
- Demonstrate effective communication skills and model professionalism.
- Demonstrate proficiency in critical thinking in the clinical environment.

Admission Requirements

In addition to meeting the College's standard admission requirements, candidates must:

- Pass the Wonderlic General Assessment of Instructional Needs (GAIN) test with a minimum score of 4 on both the English and Math components.

Progression Requirements

Prior to entering direct patient care, students must:

- Provide negative TB test results. (Test results more than 12 months old must be from a two-step test). Applicants with prior positive results must undergo a chest X-ray.
- Provide proof of childhood MMR immunization or titer.
- Provide proof of Hepatitis B vaccination or written refusal.
- Provide proof of chickenpox immunization (only students who have not had chickenpox).
- Submit to drug screening and background checks immediately prior to clinical rotations, results of which may affect eligibility to participate in clinical rotations.

PROGRAM REQUIREMENTS – Phoenix Westside

Successful completion of general education courses is required before students progress to the professional curriculum.

Medical Radiography Courses		Lecture Hours	Lab Hours	Clinical Hours	Semester Credit Hours
ENG 113	English Composition I*	45	0	0	3
COM 131	Introduction to Communication*	45	0	0	3
PSY 113	General Psychology*	45	0	0	3
SOC 113	Introduction to Sociology*	45	0	0	3
MAT 113	College Mathematics*	45	0	0	3
RAD 100	Patient Care	48	0	0	3
RAD 101	Introduction to Imaging	80	0	0	5
RAD 102	Medical Terminology	32	0	0	2
RAD 103	Anatomy and Physiology I*	48	0	0	3
RAD 104	Radiographic Procedures I	80	0	0	5
RAD 106	Radiographic Procedures Lab I	0	32	0	1
RAD 150	Applied Mathematics*	32	0	0	2
RAD 151	Imaging II	80	0	0	5
RAD 154	Radiographic Procedures II	80	0	0	5
RAD 152	Medical Ethics and the Law*	48	0	0	3
RAD 156	Radiographic Procedures Lab II	0	32	0	1
RAD 153	Anatomy and Physiology II*	48	0	0	3
RAD 181	Imaging III	80	0	0	5
RAD 180	Pathology	48	0	0	3
RAD 182	Quality Control	80	0	0	5
RAD 184	Radiographic Procedures III	80	0	0	5
RAD 186	Radiographic Procedures Lab III	0	32	0	1
RAD 202	Introduction to Computers	0	32	0	1
RAD 210	Clinical Education I	0	0	640	14
RAD 260	Clinical Education II	0	0	640	14
RAD 283	Clinical Education III	0	0	520	11
RAD 308	Radiography Registry Review	96	0	0	6
Total for Degree		1185	128	1800	118

**General education course*

Approximate time to complete degree program: 112 weeks

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