

Associate Degree Radiographic Imaging



Qualification Deadline

May 8, 2025

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The Radiographic Imaging Program at Rhodes State College

is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT), 20 N. Wacker Drive, Suite 2850, Chicago, Illinois 60606; phone: 312-704-5300; email: mail@jrcert.org; website: www.jrcert.org.

Radiographic Imaging

Dear Radiographic Imaging Candidate:

This 2025 Information Packet explains the qualification and application processes for the Radiographic Imaging (RAD) Program at Rhodes State College. The standards of the profession are established by the American Registry of Radiologic Technologists and the American Society of Radiologic Technologists and are regulated by licensure in the state of Ohio. In order to provide a program that promotes student success, it is essential to admit students who meet rigorous curriculum requirements.

To be considered for admission into the RAD program, students must provide evidence of meeting all qualification requirements outlined in this Information Packet by May 8, 2025. The RAD program will accept a maximum of 30 students, depending on clinical availability, and will begin courses in the Fall semester of 2025. Before registering for program courses, it is the responsibility of the student to ensure that all qualifications have been met and verified by their designated advisor.

Rhodes State College advisors are ready to assist you in assessing if this career path aligns with your goals, guiding you through the process of becoming a Rhodes State College student, addressing any inquiries about the qualification procedure, devising a plan to achieve your educational objectives, facilitating the transfer credit evaluation, and aiding in the registration for general education courses. To initiate this process, please contact the Radiographic Imaging Program Coordinator at 419-995-8257.

Thank you for inquiring about the RAD Program at Rhodes State College. Our program is highly respected for its high educational standards, commitment to professionalism, dedicated faculty, and strong professional certification exam pass rates.

We look forward to helping you reach your career goals.

Sincerely,

Angela Lee BSRT, RT(R)(CT), CPXP Radiographic Imaging Program Coordinator lee.a@rhodesstate.edu

Who are Radiologic Technologists?

Registered radiologic technologists/radiographers are the medical personnel who perform diagnostic radiographic imaging (x-ray) examinations on patients for interpretation by doctors. They are educated in anatomy, patient exam positioning, examination techniques, equipment protocols, radiation safety, radiation protection, and basic patient care. They must use critical thinking and problem-solving skills on a daily basis, and they must also possess excellent communication and interpersonal skills to interact appropriately with patients, families, co-workers, and other healthcare providers.

Registered radiologic technologists — known as "R.T.s" — must complete at minimum of an associate degree in an accredited educational program through an academic institution and must pass a national certification examination.

To remain registered, they must earn continuing education

credits.

Employment Opportunities

- Hospitals
- Outpatient Clinics
- Physicians' Offices
- Mobile X-ray Companies

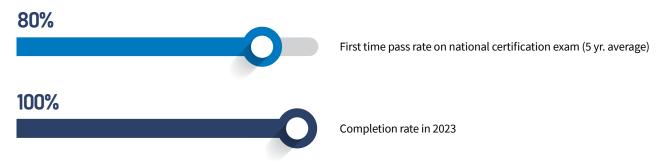
Program Mission

The Radiographic Imaging Program prepares competent, professional Radiographers.

Extended Statement of Program Mission

The Radiographic Imaging Program at Rhodes State College exists to provide students with a stimulating environment in which to achieve educational and personal growth while developing a sense of professionalism combined with the technical and interpersonal skills necessary for success as a radiographer/radiologic technologist. In addition, the Northwest Ohio Allied Health Consortium students provides surrounding communities with qualified, professional healthcare specialists.

Radiographic Imaging Program Outcome





Five-Year Average Job Placement Rate

Radiographic Imaging Curriculum

Course	Description		Credit Hours		
First Year Pre-	-requisite Semester (available any semester)				
SDE 1010	First Year Experience		1		
MTH 1370	College Algebra		4		
BIO 1110	Anatomy and Physiology I		4		
BHS 1390	Medical Terminology		2		
COM 1110	English Composition		3		
		Semester Total	14		
First Year Fal	l Semester (15 weeks)				
BIO 1120	Anatomy and Physiology II		4		
RAD 1500	Introduction to Radiographic Imaging		3		
RAD 1200	Principles of Imaging I		2		
RAD 1310	Radiographic Procedures I		3		
		Semester Total	12		
First Year Spr	ring Semester (15 weeks)				
SOC 1010	Sociology		3		
RAD 1510	Clinical Education I - Radiography		3		
RAD 1220	Principles of Imaging II		3		
RAD 1320	Radiographic Procedures II		3		
		Semester Total	12		
Summer Semester (10 weeks)					
BHS 1160	Medical Law – Ethics Healthcare		2		
RAD 1520	Clinical Education II - Radiography		4		
		Semester Total	6		
Second Year F	Fall Semester (15 weeks)				
COM 2213	Verbal Judo		3		
RAD 2510	Clinical Education III - Radiography		3		
RAD 2210	Principles of Imaging III		3		
RAD 2310	Radiographic Procedures III		3		
		Semester Total	12		
Second Year S	Spring Semester				
RAD 2520	Clinical Education IV - Radiography		3		
RAD 2220	Radiation Biology		3		
RAD 2320	Radiographic Patient Analysis		2		
RAD 2490	Selected Topics in Radiography (Capstone)		1		
		Semester Total	9		
	65				



Admission Requirements

The Radiographic Imaging (RAD) program is a limited enrollment program. The RAD program admits thirty (30) qualified students once per year with a fall semester start date. You are encouraged to complete all qualifications and submit all materials as early as possible.

The following process is utilized to qualify students into the program. Each step in Phase 1 and 2 is mandatory and must be completed as early as possible. No exceptions will be granted. It is the applicant's responsibility to read and understand this qualification process.

Phase 1: College Admission Process

Step 1 _____ Apply to Rhodes State College. This should be done before starting the qualification process to the RAD Program. (If you are a Northwest Ohio Allied Health Consortium student, please contact the Rhodes RAD Consortium Coordinator before contacting the Admissions at your partner school.)

Step 2 _____ Submit all college credit transcripts directly to Rhodes State College Registrar's office.

- If applicable, a Certificate of High School Equivalency (GED) should be sent to the Rhodes State College Office of Admissions, 4240 Campus Drive, Lima, Ohio 45804. In the case of a GED report with no accompanying GPA, the student will be required to take college level coursework to establish a GPA.
- Certain courses required as part of the RAD curriculum must have been completed within the past five years. This requirement can be waived by the program coordinator with submission of proof of employment in a health care field. Examples include Medical Terminology and Anatomy & Physiology.

Phase 2: Program Qualification Requirements

The four parts in this phase may be completed in any order, but all of them must be done to move forward in the Application process.

#1	using the Observation Form and instructions found at the end of this Information Packet.
#2	Attend a mandatory Radiographic Imaging Program Briefing. Register for a date from the options available through the Program Briefing Registration found on the Radiographic Imaging page on the Rhodes State College website at www.rhodesstate.edu/academic-programs/radiographic-imaging.html .
#3	 Complete pre-requisite semester courses with the following minimum grade: BIO 1110 – Anatomy & Physiology I – 'C' or higher MTH 1370 – College Algebra – 'C' or higher BHS 1390 – Medical Terminology – 'B' or higher COM 1110 – English Composition – 'C' or higher
#4	The student must be at least 18 years of age by the start of the first clinical experience

Phase 3: Notification from Prospective Candidate

Prospective candidates who have completed all program qualifications will register for the following course during Summer/Fall semester registration:

• RAD 1200 - Principles of Imaging I

Registration must be completed by **May 8, 2025**, to be considered for the next cohort.

The Radiographic Imaging program is a limited enrollment program that admits thirty (30) qualified students in the fall semester.

- If the number of qualified applicants exceeds the limit, students will be ranked based on their qualification date.
- If more than 30 students are qualified, and two or more share the same qualification date, the ranking will then be determined by the initial college application date with the Radiographic Imaging major selected.
- · For students who have decided to change their major to Radiographic Imaging, the date their major change form was processed will be used.

Phase 4: Notification of Program Acceptance

Applicants will be notified of their offer of a seat in the program and cohort entry year via their RhodesState.edu email or other designated email address by May 19, 2025. Acceptance of the seat must be received within one week of the notification email. After acceptance has been communicated to the Program Coordinator, the student will receive notification from RAD faculty regarding registration for the remaining fall program courses.

If a student declines their seat before August 1, 2025, the first qualified student not initially accepted will be offered that seat. This process will continue until all 30 seats are filled. The remaining students will receive an email notification of their placement on a waitlist to enroll in the program the following year (fall semester).

Pursuant to federal regulations and state law, it is a policy of Rhodes State College that discrimination against any individual for any reasons of race, color, religion, national origin, sex, sexual orientation, qualified disability, age (40 or older), or because he/she is a Vietnam-era veteran or a disabled veteran is specifically prohibited. Accordingly, equal opportunity will be extended to all persons. The College's admissions policies, instructional programs, extracurricular activities and employment practices will reflect this **Nondiscrimination Policy.**

The College has appointed the individual listed below as Title IX and Section 504 compliance officers. Students who believe that they have experienced any form of discrimination, including sexual harassment, should contact:

Andrea Goings, Executive Director, Human Resources, Title IX Coordinator **Public Service Building** 419-995-8302 | goings.a@Rhodes.State.edu



Radiographic Imaging Program Informed Consent Packet

Please read all of the following items as you will be asked to sign that you understand the following consent notifications as part of your acceptance into the program.

I. Program Duration

The RAD Program begins in the Fall semester and is designed to be completed in 78 academic weeks. However, students may take general education courses required for the degree prior to admission. Secondary to the sequencing of the RAD classes, it will take five consecutive semesters to complete the program regardless of the amount of course work that has been completed prior to admission.

II. Clinical Education Expectations

Students enrolled in the RAD program at Rhodes State College must complete clinical education assignments in conjunction with classroom and on-campus laboratory instruction prior to completion of the program. Clinical assignments for students are arranged so that all students can benefit by learning through a variety of clinical experiences. Clinical education typically occurs from 7:30 am to 3:30 pm, but students may need to make up times that are outside these hours. Clinical settings extend in an area up to 70 miles from Rhodes State College, but the sites greater than 60 miles away are used mainly for students located near those loca- tions (Springfield Regional Medical Center and Imaging Center in Springfield, and Community Health and Wellness Centers in Bryan). Students must be prepared to meet the financial obligations associated with the clinical assignment (i.e. reliable transportation to the facility).

III. Eligibility Qualifications for ARRT Certification

Upon successful completion of the Radiographic Imaging program, the graduate may be eligible to take the Examination in Radiography of the American Registry of Radiologic Technologists (ARRT) according to the following eligibility requirements:

Every candidate for certification and registration must, according to ARRT governing documents, "be a person of good moral character and must not have engaged in conduct that is inconsistent with the ARRT Rules of Ethics," and they must "agree to comply with the ARRT Rules and Regulations and the ARRT Standards of Ethics. ARRT investigates all potential violations in order to determine eligibility. The Rules of Ethics are standards of minimally acceptable professional conduct for all Registered Technologists and applicants. The Rules of Ethics are intended to promote the protection, safety and comfort of patients. Registered Technologists and applicants engaging in any of the conduct or activities noted in the Rules of

Ethics, or who permit the occurrence of said conduct or activities with respect to them, have violated the Rules of Ethics and are subject to sanctions as described. One issue addressed by the Rules of Ethics includes convictions, criminal procedures, or military court martials as described here. These include a felony, a misdemeanor, or any criminal procedures resulting in a plea of guilty or nolo contendere (no contest), a verdict of guilty, withheld or deferred adjudication, suspended or stay of sentence, or pre-trial diversion. Juvenile convictions processed in juvenile court and minor traffic citations not involving drugs or alcohol do not need to be reported. Additionally, candidates for certification and registration are required to disclose whether they have ever had any license, registration, or certification subjected to discipline by a regulatory authority or certification board (other than ARRT). Candidates must indicate any honor code violations that may have occurred while they attended school.

Individuals who have violated the Rules of Ethics may request a pre-application review of the violation in order to obtain a ruling of the impact on their eligibility for ARRT examination. The individual may submit a pre-application form at any time either before or after entry into an approved education program. This pre-application must be requested directly from the ARRT.

The American Registry of Radiologic Technologists 1255 Northland Drive St. Paul, MN 55120-1155 (651)687-0048 www.ARRT.org

IV. Criminal Background Checks and Drug Screens

To meet the expanding requirements of our clinical affiliates, both criminal background checks and drug testing will be mandatory prior to clinical experiences for all students in the Radiographic Imaging Program. You are at risk if you have been convicted of a prior felony and/or some misdemeanors. Students with certain felony, misdemeanor, or drug-related convictions will be ineligible for admission into clinical experiences. A criminal record may also prevent you from obtaining a license or certification in your chosen healthcare profession or to obtain employment post-graduation. The student is responsible for most of the cost of drug testing and background checks. Positive drug testing results will result in dismissal from all clinical courses. Any student who refuses/ fails to cooperate, or complete any required drug testing will also be considered "positive" and dismissed from clinical courses of their program. All students requiring drug testing may be subject to additional drug testing for placement at some clinical settings or random drug testing for cause during the program.

V. Physical Examination

Prior to the first clinical rotation, the student will be required to have a physical examination completed by his/her family physician (or other acceptable healthcare provider), completion of required immunizations, and TB testing. The student is responsible for these costs.

VI. Technical Standards

All applicants for the Health Sciences programs and certificates must possess the essential skills and abilities necessary to successfully complete the requirements of the curriculum either with or without reasonable accommodations for any disabilities they individual may have. The use of an intermediary that in effect requires a student to rely on someone else's power of observation, communication, and/or decision making will not be permitted.

The essential skills and abilities for the Health Sciences programs and certificates are categorized in the following Technical Standards:

- 1. Sensory/Observational Skills:: The applicant must be able to observe a patient accurately at a distance and close at hand. Observation necessitates the functional use of all the senses.
- 2. **Communication:** The applicant must be able to speak, to hear, and to observe patients in order to elicit information, describe changes in mood, activity and posture, and perceive nonverbal communications. An applicant must be able to communicate effectively with patients and all members of the health care team. Communication includes, listening, speaking, reading and writing.
- 3. Motor Skills: Applicants must have sufficient motor skills to gain access to clients in a variety of care settings and to manipulate and utilize the equipment central to the assessment, general and emergency treatment of patients receiving health practitioners' care. Such actions require coordination of both gross and fine muscular movement, equilibrium and functional use of the senses of touch and vision.
- 4. Intellectual-Conceptual, Integrative, and Quantitative Abilities: These abilities include measurement, calculation, reasoning, analysis, and evaluation. Problem solving, the critical skill demanded of health practitioners, require all of these abilities. In addition, the applicant should be able to comprehend three-dimensional relationships and to understand the spatial relations of structures.
- 5. Behavioral/Social Skills and Professionalism: An applicant must possess the emotional health required for utilization of his/her intellectual abilities. The exercise of good judgement, the prompt completion of all responsibilities attendant to the care of patients, and the development of effective relationships with patients are essential skills for health practitioners. Applicants must be able to tolerate physically taxing workloads and to function effectively under stress. They must be able to adapt to changing environments, to display flexibility, and to learn to function in the face of the uncertainties inherent in the clinical problems of many patients. Concern for others, integrity, interpersonal skills, interest, and motivation are all personal qualities necessary for the health practitioners.
- 6. Environmental: All applicants must interact with diverse patient populations of all ages with a range of acute and chronic medical conditions. Applicants may be exposed to communicable diseases, toxic substances, ionizing radiation, medicinal preparations, hostile individuals, and other conditions common to the health care environment. Applicants must adhere to policies and procedures to minimize exposure to hazards in the environment, including but not limited to the use of personal protective equipment.

VII. Professional Liability Insurance

Rhodes State College provides professional liability insurance for students while engaged in clinical learning activities. The coverage ranges from 0-\$6,000,000.00 depending on the incident. Student professional liability insurance is available privately should the student want additional coverage. The college professional liability insurance plan does not cover a student who may work in institutions outside scheduled clinical education time.

VIII. Health Insurance

Due to potential risks, all Health Sciences students are expected to purchase personal health insurance if they are not covered on a family policy. Rhodes State College is not responsible for any accidents or illnesses that result from student negligence during experiences in the campus or clinical laboratories.

IX. Radiographic Imaging Pregnancy Policy

IMPORTANT NOTE: A woman is ultimately responsible for her health and that of her unborn child. The first three months of pregnancy are the most critical time relative to exposure to ionizing radiation.

The Nuclear Regulatory Commission's (NRC's) regulations on radiation protection require the licensee (i.e., Rhodes State College - Radiographic Imaging Program) to ensure that the dose to an embryo/fetus during the entire pregnancy, due to occupational/educational exposure of a declared pregnant woman, does not exceed 0.5 rem (5 mSv). These exposure levels are 10% of the occupational limit of 5 rem (50 mSv) per year. The National Council on Radiation Protection (NCRP) recommends a monthly equivalent dose limit of 0.05 rem (0.5 mSv) to the embryo/fetus once the pregnancy is declared.

In order for a pregnant worker/student to take advantage of the lower exposure limit and dose monitoring provisions, she must declare her pregnancy to the Program Director in writing along with an estimated date of conception so that the estimated dose to the embryo/fetus prior to the declaration of pregnancy can be determined. The written declaration of pregnancy must be in letter form provided to the Program Director. A woman cannot be required to make this declaration of pregnancy and she may withdraw her declaration of pregnancy in writing at any time. The decision to make a declaration of pregnancy and/or to withdraw the declaration of pregnancy is strictly a woman's choice and is entirely voluntary. The lower dose limit for the embryo/fetus will remain in effect until the woman withdraws the declaration in writing or the woman is no longer pregnant. If a declaration of pregnancy is withdrawn, the dose limit for the embryo/fetus would apply only to the time from the estimated date of conception until the time the declaration is withdrawn. If the declaration is not withdrawn, the written declaration may be considered expired one year after submission.

Any woman who is pregnant but elects not to declare pregnancy may continue the program without modification.

Any woman declaring pregnancy will follow these procedures:

- 1. Upon diagnosis of pregnancy, the student must present a written statement from her physician that indicates the expected date of delivery and her fitness for clinical education to the Program Director and the Clinical Coordinator. This statement must be presented within the first month following the notification of pregnancy.
- 2. The student may choose to take a leave of absence during her pregnancy or she may continue with her clinical education.
- 3. It is the student's responsibility to continually check the dosimetry reports. Both the student and the IRRP must initial the dosimetry reports quarterly to verify that they have checked the uniform quarterly dose rate and total accumulated exposure dose.
- 4. If the student decides to continue her clinical education, she will be expected to participate in all clinical assignments and/or duties, but may request any or all of the following exceptions in their clinical assignments due to their known large occupational dose production:
 - a. fluoroscopy
 - b. surgical radiography
 - c. mobile radiography
- 5. A student will be allowed to make up any clinical time missed due to pregnancy or immediate post-partum care.
- 6. Make-up or banking hours will be structured to compensate for loss of clinical experiences during pregnancy.
- 7. Students are encouraged to bank time in anticipation of missing clinical time during a pregnancy.

X. Working while in the RAD Program

Some students continue to work while enrolled in the RAD Program, but this is dependent upon work schedule, flexibility, semester schedule, and credit hour load, as well as the student's learning style and other responsibilities. Students are required to attend all scheduled classes, and must be available for the required full-time clinical education experiences. The RAD Faculty strongly recommend that a student does not work more than 15-20 hours per week while in the program. It is an expectation that a student will spend at least two hours of outside preparation and studying for every contact hour in the classroom and lab per week to pass a course.

XI. Academic Standards of the RAD Program

The grading policies of the RAD Program are more rigorous than those of Rhodes State College to ensure student competence prior to clinical assignment. The student must earn a "C" or better in all RAD courses, required science (BIO, etc.) courses, and BHS courses.

Instructions & Information Section for the Clinical Observation THREE

Observation or volunteer experience in a radiographic imaging (x-ray) setting is an essential requirement for application to the Radiographic Imaging Program. This is your opportunity to judge your interest in the field and learn more about radiography. Radiographers providing this experience will be requested to verify your participation in writing. The form for the observation is included in this packet. If the observation hours are split between different locations, then copy the observation form so each observation location has a separate form to fill out. Sixteen hours of observation of technologists doing x-ray exams in a clinical setting are necessary to meet minimum **application criteria.** It is your responsibility to arrange this experience.

- 1. The observation must be completed in a hospital or large clinic setting so that you will observe a larger number of patients and more types of x-ray exams. You are NOT to observe in areas other than the x-ray/radiography rooms in the radiology/medical imaging departments. NO observations should be done in a radiation therapy, nuclear medicine, Magnetic Resonance Imaging (MRI) or sonography area!
- 2. Call ahead to arrange an appointment for observation. Explain your interest in a career in the field. Note: You may complete observation hours at any facility that is willing to host you so long as you are only observing x-ray/radiography exams.
- 3. Expect that it may be one to two weeks before the observation time can be scheduled. Most facilities are quite busy and need to plan ahead for observation experiences. Do not wait until the last minute to schedule observation hours.
- 4. Some clinical settings may have a specific radiographer/ technologist designated to coordinate observation experiences; if so, ask to speak to this person.
- 5. Notify the Radiology/Medical Imaging department if you will be late or absent. Be sure to speak directly with the facility personnel or leave a message with the office staff. Reschedule as soon as possible. Avoid canceling at the last minute.

- 6. Dress professionally. Even though you are not a part of the program at this time, you are still viewed as a representative of Rhodes State College. Please be neat and clean and wear what is considered "professional and/or business wear" by the general public. This includes neat hair and nails and no jewelry or piercings other than in your ears. Specifically, no jeans (of any color), no shirts with advertising or writing on it, no athletic/ workout clothing, no sandals, no hats, and nothing sleeveless. It is common to wear dress pants or khakis, polo type shirts, blouses, sweaters, and clean shoes—athletic shoes are acceptable. All clothing should be modest and fit appropriately.
- 7. It is absolutely unacceptable to use your cell phone during observation. Plan to leave it in your car or turn it off.
- 8. Be interested. Research the field of radiography (x-ray) prior to observing. Do your homework but do not be afraid to ask questions to learn. Be sensitive. Some questions may not be appropriate to ask in front of the patient.
- 9. Be ready to ask questions. However, if the radiographer is involved in a procedure, you may be advised to hold questions until they are completed.
- 10. Conform to any direction from the facility personnel immediately without question in the clinical setting. You may be asked to leave an exam area if necessary. Wait as directed and ask questions at a later time. Remember that the patient/client is the clinician's first responsibility.
- 11. Understand that discussing a patient's medical history, present illness, diagnosis, prognosis or treatment with other students, friends, or family is a violation of confidentiality. Uphold the patient's right to privacy. You may be asked to sign a written confidentiality form; take this seriously. It is a legal matter.
- 12. When observing, be sure to keep interactions related to the scope of radiography/x-ray and the purpose of your visit. Remain professional at all times. If you become involved in a situation that is uncomfortable for you, seek assistance immediately.



Radiographic Imaging Observation Form

Top portion to be complet	ed by Student Applicant			
Student Applicant Name (pri	int)	Student ID (R#)		
Phone Number		Email		
profession. The student i	Evaluator: Thank you for your tings required to observe R.T.(R)s for n below to verify hours in the factor	16 hours. Upon completion of t	he student's time in your facility	
Observation Dates:	.// to/_	TOTAL HOURS:(Minimum of 1	6 total REQUIRED)	
Characteristic	Poor	Fair	Good	
Personal appearance	Sloppy, too casual, and/or too revealing 1	One clothing item inappropriate 2	Complies with dress code 3	
Attitude toward patients	Rude, careless, or disrespectful 1	Indifferent or overly chatty 2	Pleasant and appropriate 3	
Attitude toward staff	Rude or sullen 1	Indifferent or overly friendly 2	Cooperative and respectful 3	
Communication skills	Poor listener, no attempts to ask questions and/or talks about self only 1	Unclear questions or random attempts 2	Thoughtful questions that are on topic 3	
Motivation	Disinterested in patient care 1	Occasional interest in imaging process 2	Seeks out learning in appropriate ways 3	
Rate your overall endors Highly recommended Comments:	ement of the applicant as a futur	_	□ Not recommended	
Evaluating Radiographer	Name (print)		Date//	
Name of Facility		Evaluator's Phone Number		
Signature				
Please fax with facility of Radiographic Imaging Prog Rhodes State College 4240 Campus Drive, TEL 10		nvelope directly to the program For office use only	n:	
Lima, Ohio 45804		Program Director signature /date		

Rhodes State College

4240 Campus Drive

Lima, Ohio 45804

www.RhodesState.edu