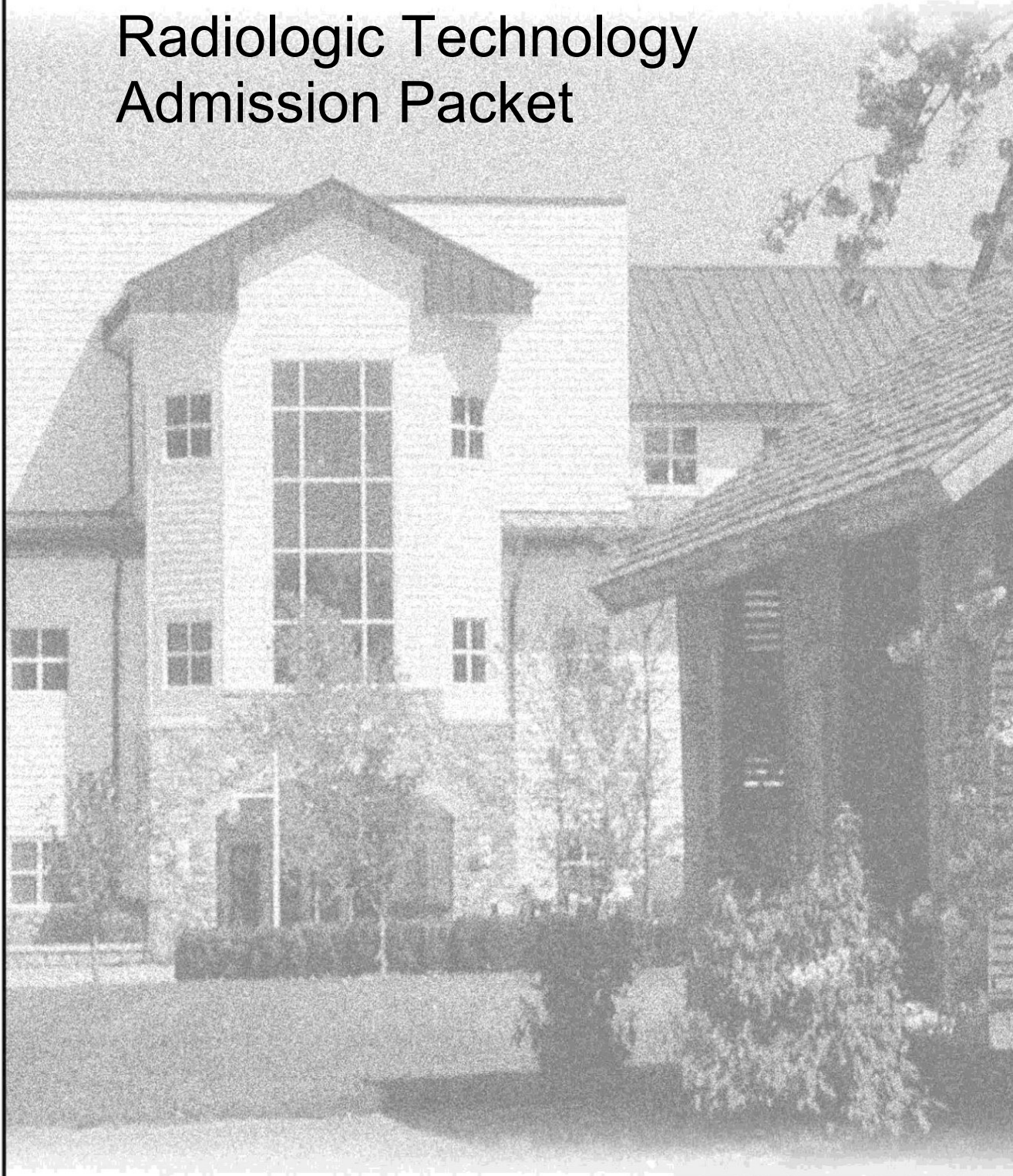


BROOKDALE COMMUNITY COLLEGE

# Radiologic Technology Admission Packet



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Dear Prospective Radiography Student:

This packet was designed to provide you with information about the profession of Radiologic Technology and the Radiologic Technology Program at Brookdale Community College. It includes information about the nature of the work radiographers do, job outlook, earnings, the Radiologic Technology admission process, and the curriculum requirements for the Radiologic Technology Program.

Before considering admission to the program, we suggest you take time to investigate the profession. Observing radiographers working, speaking with Radiologic Technology professionals, visiting the College Library, or searching the Internet may help you to better understand the job requirements and the program.

Any questions regarding admission to the Brookdale Community College Radiologic Technology Program should be addressed to [healthscienceadmissions@brookdalecc.edu](mailto:healthscienceadmissions@brookdalecc.edu). Questions about prerequisites and courses should be directed to an academic advisor at 732.224.2555. If you have specific questions about the field of Radiologic Technology or wish to observe a professional at a local hospital, you may contact Terry Konn at [TKonn@Brookdalecc.edu](mailto:TKonn@Brookdalecc.edu) or Kathy Taggart at [KTaggart@Brookdalecc.edu](mailto:KTaggart@Brookdalecc.edu).

Good luck with your decision.

Sincerely,

Terry M. Konn, PhD, LRT, CHE  
Program Director 732.224.2696

Kathy Taggart, MS, RT(R)  
Clinical Coordinator 732.224.2818

Jayne Edman, EdD, RN  
Dean, Health Science Institute 732.224.2415

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DISCLAIMER: The content and requirements of admission packet may be altered at any time at the discretion of the College. This packet was checked for accuracy at the time of printing, but should not be considered a contract between the College and the student.

## Nature of the Work: Radiologic Technology

Perhaps the most familiar use of the x-ray is the diagnosis of broken bones. However, medical uses of radiation go far beyond that. Radiation is used not only to produce images of the interior of the body, but to treat cancer as well. At the same time, the use of imaging techniques that do not involve x-rays, such as ultrasound and magnetic resonance scans, is growing rapidly. The term “diagnostic imaging” embraces these procedures as well as the familiar x-ray.

Radiologic technologists produce x-ray films (radiographs) of parts of the human body for use in diagnosing medical problems. They prepare patients for radiologic examinations by explaining the procedure, removing articles such as jewelry, through which x-rays cannot pass, and positioning patients so that the correct parts of the body can be radiographed. To prevent unnecessary radiation exposure, technologists surround the exposed area with radiation protection devices, such as lead shields, or limit the size of the x-ray beam. Radiologic technologists position radiographic equipment at the correct angle and height over the appropriate area of a patient’s body. Using instruments similar to a measuring tape, technologists may measure the thickness of the section to be radiographed and set controls on the x-ray unit to produce radiographs of the appropriate density, detail, and contrast. They place an image receptor under the part of the patient’s body to be examined and make the exposure. Images are then used to make diagnoses.

Experienced technologists may perform more complex imaging tests. For fluoroscopic procedures, radiographers, prepare a solution of contrast medium for the patient to drink, allowing the radiologist, a physician who interprets x-rays, to see soft tissues in the body. Some radiologic technologists who operate computerized tomography scanners to produce cross sectional views of patients are called CT technologists. Others operate imaging equipment that use giant magnets and radio waves rather than radiation to create an image and are called magnetic resonance imaging technologists.

In addition to preparing patients and operating equipment, radiologic technologists keep patient records and adjust and maintain equipment. They may also prepare work schedules, evaluate equipment purchases, or manage a radiology department.

### Job Outlook

Job opportunities are expected to remain good. Employment of radiologic technologists is expected to increase much faster than average for all occupations through the year 2025 as the population grows and ages, increasing the demand for diagnostic imaging and therapeutic technology.

### Earnings

In Monmouth County, a full-time salaried radiologic technologist can expect to start at about \$28 per hour.

## **Licensure Requirements for Health Science Graduates**

Graduates of the Health Science programs who wish to apply for a license to practice must answer questions on the licensing application related to criminal history. These questions can be accessed on the respective discipline Web site under the NJ Division of Consumer Affairs.

### **CRIMINAL HISTORY BACKGROUND CHECKS**

Clinical agencies mandate criminal history background checks for all students engaged in patient care, and each student must undergo a criminal history background check that includes sex offender registry. These checks are conducted by an external vendor, and the information is sent to the College and to clinical agencies. Agency personnel will evaluate the information they receive and, in their sole discretion, make the final determination as to each student's ability to continue to engage in patient care in their agency. If a student is denied clinical placement by any clinical agency due to criminal history information, that student will be dismissed from the program.

Graduates of the Health Science programs who wish to apply for a license to practice must answer questions on the licensing application related to criminal history. These questions can be accessed on the respective discipline Web site under the NJ Division of Consumer Affairs.

### **DRUG SCREENING**

Clinical agencies require evidence of a negative drug screening before the start of the clinical experience. You will be given the information to obtain drug screening prior to starting clinical. Re-testing is required annually.

1. These screenings are conducted by the external vendor, and the information is sent to the student and to the College.
2. If an initial drug screen is positive without documentation of medical necessity or a prospective student refuses to complete the drug screen, the student will not be allowed to enter into the health program.
3. If an initial drug screen comes back with a "Negative – Dilute" result, the student will be allowed one additional re-test at their own expense.
4. If the second test result is a normal (not dilute) negative, the test is considered complete and satisfies the program requirement of a normal drug screen. If the second test result shows a "Negative – Dilute" result, the results will be reported to the clinical agency.
5. If a student is denied clinical placement by any clinical agency due to drug screening test results, the student will be dismissed from the program. As a result, the student will not be able to complete the requirements of the program.

## HEALTH SCREENING

Health Screening is required as part of the initial clearance process and annually thereafter. Failure to comply with the health screening process will make a student ineligible to participate in the health program.

## CLINICAL PLACEMENT

Participation in clinical experiences at clinical agencies is required for successful completion of the Radiologic Technology program. Agency personnel will evaluate the information they receive and, in their sole discretion, make the final determination as to each student's ability to engage in patient care in their agency. If a student is, or has been, denied placement by any clinical agency that student is not eligible for admission into the program.

## Nondiscrimination Policy

Brookdale is an Equal Opportunity Affirmative Action Institution. No person in whatever relationship with the College, shall be subjected to discrimination or harassment on the basis of race, creed, color, nationality, national origin, ancestry, age, sex/gender (including pregnancy), marital status, civic union status, domestic partnership status, gender identity or expression, familial status affectional or sexual orientation, atypical hereditary cellular or blood trait, genetic information, liability for service in the Armed Forces of the United States, disability (including perceived physical, mental, and/or intellectual disability) or other protected categories or activity (i.e. opposition to prohibited discrimination or participation in the complaint process). Sexual harassment is a form of unlawful gender discrimination and, likewise, will not be tolerated.

For information regarding:

- ◆ Brookdale's Academic Integrity Code
- ◆ Student Conduct Code
- ◆ Student Grade Appeal Process

Please refer to the BCC Student Handbook and BCC Catalog.

## Disability Services/Accommodations

Students needing information about accommodations are encouraged to contact the Director of Disability Services at (732) 224-2739 or located in MAC 111. Students with Disability Alert Forms are responsible for giving them to the instructor. They are responsible for discussing the accommodations they are entitled to if the provision of the accommodation(s) does not jeopardize the integrity of the course. They are responsible for requesting accommodations in a timely manner. Students must remind their professors a week before each examination to allow them and/or



Disability Service Office staff to plan for testing accommodations. Students with disabilities must maintain the same responsibility for their education as other students. These responsibilities including maintaining the academic integrity of the courses and following the Student Conduct Code.

## Mental Health

- Mental Health Crisis Support: From a campus phone, dial 5555 or 732-224-2329 from an external line; off-hours calls will be forwarded to BCC police (2222 from a campus phone)
- Psychological Counseling Services: 732-224-2986 (to schedule an appointment during regular hours)

## TUITION AND FEES

Tuition is set annually by the Brookdale Board of Trustees and is approved by the Monmouth County Board of School Estimate. There are specific course fees for the Radiologic Technology Program in addition to the tuition and general fees. Information about tuition and fees is available at <https://www.brookdalecc.edu/admissions/tuition-fees/>. In addition, students are responsible for purchasing uniforms, books, insurance, and other supplies. Upon graduation, there are additional fees required for licensure/certification exams and state licensure.

*Brookdale Community College reserves the right to modify the application process.*

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## Allied Health Radiologic Technology Admission Process

### Introduction

The objective of the admission process is to admit qualified applicants to the Allied Health Programs. A rolling admission process is used for this program; that is, completed applications are reviewed on an ongoing basis, and qualified applicants who have completed the entire admission process will be admitted until each class reaches capacity. When there are more applicants than seats for each class, a waiting list is kept in the Health Science Institute office.\* It is the responsibility of each applicant to verify his/her status on the waiting list with the Health Science Associate and to notify registration and the Health Science Institute office if there is any change in address.

### Requirements for Admission to the Radiologic Technology Program:

1. Graduation from high school or a GED.
2. Completion of the Brookdale application.
3. Activate your MyBrookdale NETID at [www.brookdalecc.edu](http://www.brookdalecc.edu).
4. Completion of the Radiologic Technology online application.
5. Completion of all Foundational Studies courses as determined by the Placement Assessments.
6. Completion of high school biology and chemistry or the equivalent college courses.
7. Achievement of passing scores on the Health Science entrance examination.
8. Attendance at an Information Session.
9. Completion of HESC 105, Medical Terminology prior to admission.
10. Completion of BIOL 111, Anatomy & Physiology prior to admission.

Two (2) copies of high school/college transcripts are required. An official copy is to be sent directly to the Admissions Office. The other copy should be brought with the student for the meeting with the Academic Advisor. All communication with the Admissions Office should be addressed to:

Brookdale Community College  
Office of Admissions  
765 Newman Springs Road  
Lincroft, New Jersey 07738

[healthscienceadmissions@brookdalecc.edu](mailto:healthscienceadmissions@brookdalecc.edu)

**There may be a waiting list for the program. Please check with [healthscienceadmissions@brookdalecc.edu](mailto:healthscienceadmissions@brookdalecc.edu) for more information.**

## Application Process

1. **Complete a College application.**
2. **Activate your MyBrookdale NETID at [www.brookdalecc.edu](http://www.brookdalecc.edu).**
3. **Complete a Radiologic Technology online application.** The Radiologic Technology online application should be submitted as quickly as possible. The date that this online application is received will determine in part (see #9 below) your placement on the waiting list. Monmouth County Vocational School Health Program high school students may submit this online application during their junior year if they are enrolled
4. **Complete the Brookdale Placement Assessments.** Students are assessed in Foundational Studies Skills: Reading, Writing, and Mathematics. The Placement Assessments determines readiness for college-level courses. Students who do not meet college-level readiness requirements must take the appropriate Foundational Studies course(s).

If a student has completed at least 24 college level credits including English composition and a mathematics course higher than elementary Algebra with a grade of “C” or better from an accredited college, this process may be waived. The process may also be waived if the student has taken the SAT or ACT test within the past three years and achieved qualifying scores. In order to obtain a waiver, contact the Admissions Office. For high school students, the College Placement Assessment may be completed in the senior year.

5. **Meet with Academic Advisor.** Students will be given information about meeting with an advisor *after completion of the Placement Assessments. It is the student’s responsibility* to make an appointment with an advisor to select appropriate courses. Monmouth County Vocational School Health Program students should schedule a meeting with their Brookdale advisor before November of their senior year.
6. **Complete high school biology and chemistry** or equivalent college courses.
7. **Take the Health Science entrance examination for Allied Health students.** When all Foundational Studies courses and high school biology and chemistry, or equivalent college courses, are complete and grades posted to your transcript, contact Beth Stryker at [healthscienceadmissions@brookdalecc.edu](mailto:healthscienceadmissions@brookdalecc.edu) to get a pass for the Health Science entrance examination. The Health Science entrance exam must be taken at Brookdale Community College. All of the above steps must be completed before the Health Science entrance examination can be taken.

Students can prepare for the TEAS exam by looking at the many review book options at any of the commercial bookstores. There is a free practice exam available from: <https://nursehub.com/free-ati-teas-vi-practice-test/>. The publisher of the TEAS exam (ATI) has both free and paid review materials available at <https://atitesting.com/teas-prep>.

Students not achieving the cut-off score (50 percent composite score) on the Health Science entrance examination for Allied Health students may retest after a month; however, it is recommended that any courses which could improve test results be completed prior to re-testing.

8. **Attend an Information Session.** Once you have successfully completed the above steps you will be scheduled for an Information Session. Attendance at the Information Session is a **mandatory step** in the admission process. The purposes of the session are to provide the students with more specific information about the program and to provide an opportunity for students to raise questions and share concerns. During the Information Session, students will

complete a questionnaire which will be used by the Health Science Institute office. High school students may attend the Information Session during their senior year.

9. **Read the Criminal History Background Check Information on Page 2.** Criminal history clearance is required.
10. **Read the Drug Screening Information on Page 2.** A negative Drug Screen is required to start the program.
11. **Be placed on the waiting list.** After you have attended the Information Session your name will be placed on the waiting list. Placement on the waiting list will be prioritized by Information Session and then by the date the Radiologic Technology Program online application is submitted.
12. **Complete HESC 105 and BIOL 111.** Radiologic Technology students must complete HESC 105, Medical Terminology and BIOL 111, Anatomy & Physiology I, before admission.

### **Admission into the Radiologic Technology Program**

1. **Receive an acceptance letter and an Intent to Enroll form.** Students will be notified by mail of acceptance to the Radiologic Technology program. At that time the student will receive an Intent to Enroll form.
2. **Return the Intent to Enroll form.** If a student does not return the Intent to Enroll form, he/she will be dropped from the list and must reapply for admission. The Intent to Enroll form **must** be returned to the Health Science Institute Office within the time specified on the form. **No student's admission is processed until the Intent to Enroll Form with the starting date identified has been received in the Health Science Institute office.**
3. **Register.** No student may register for Radiologic Technology courses without Health Science Institute approval.

### **Deferring Admission**

1. Students may defer admission to the Radiologic Technology program once without losing their place on the waiting list. If a student requests a second deferment, the student's name will be placed at the end of the waiting list.
2. Students who drop their course less than 30 days prior to the first day of class will be placed at the end of the waiting list.
3. Students who defer admission more than 30 days prior to the first day of class will maintain their place on the waiting list if it is their first deferment.

### **Transfer of General Education Courses**

There is no time limit on the transferability of general education courses. Transfer courses must come from an accredited institution.

### **STARS Admission**

Seats are held for NJ STARS students who have met the admission requirements. Students who refuse an offer of admission will have one additional opportunity for admission before they are placed at the end of the waiting list.

### **Monmouth County Vocational School District Admission**

Seats are held for Monmouth County Vocational School District students who have met the admission requirements and who have graduated from high school within the past three years. High

school students who are in the Monmouth County Vocational School District Health Programs may submit an online application during their junior or senior year if biology has been successfully completed, the student is currently enrolled in chemistry, and the Health Science entrance examination has been scheduled. The College Placement Assessments are completed during the second term of the senior year. Students who refuse an offer of admission will be placed at the end of the waiting list. High school graduates may, however, advance through the standard rolling admissions process at any time.

## **Radiography Transfer Students**

### **ADVANCED PLACEMENT HAS BEEN DISCONTINUED.**

On Jan. 1, 2022, ARRT will stop accepting applications for students using the advanced placement option for the primary eligibility pathway to radiography certification.

A student may no longer apply for advanced placement. A student may apply for transfer if he/she has:

- 1) Already successfully completed radiography courses at another college and did not complete degree.
- 2) Completed a degree in radiography at a foreign institution.
- 3) completed a degree in radiography but needs to return to a program to sit for the ARRT certification examination.

The student must first contact the program director, Terry Konn, PhD at [TKonn@Brookdalecc.edu](mailto:TKonn@Brookdalecc.edu) and request a transfer evaluation. The student must email a copy of transcripts identifying radiography course work and course descriptions for each of these courses to his/her request. If the student graduated from a foreign institution, he/she must also attach a copy of an evaluation of the transcripts by an approved agency. List of acceptable agencies can be found at <https://www.brookdalecc.edu/recruitment/international-students/>.

An evaluation will be conducted upon receipt. The requesting student will need to approve the developed schedule to move forward. Upon approval, the student will follow the admissions process as a transfer student. Before being enrolled, the student will be evaluated for all radiography course work being transferred in. Any questions contact Professor Konn at [TKonn@Brookdalecc.edu](mailto:TKonn@Brookdalecc.edu).

To graduate from Brookdale, the transfer radiography student must complete all ARRT and NJBRH clinical requirements in radiography and successfully complete a minimum of 24 radiography course credits and all required general education coursework of which a minimum of 12 credits must be taken at Brookdale.

## Suggested Sequence—Radiologic Technology A.A.S. Degree

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Foundational Studies requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your academic advisor for other options and to monitor your progress.

### THE FOLLOWING DEGREE REQUIREMENTS MUST BE TAKEN PRIOR TO ADMISSION:

HESC 105	Medical Terminology	3 credits
BIOL 111	Anatomy & Physiology I	4 credits

#### SEMESTER 1

	Credits
RADT 150 (ON-LINE)	2
RADT 151	3
RADT 152	6
RADT 153	<u>3</u>
	14

#### SEMESTER 2

	Credits
RADT 155	2
RADT 156	2
RADT 157	6
BIOL 112	<u>4</u>
	14

#### SUMMER TERM

RADT 158	2 credits
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#### SEMESTER 3

RADT 250	2
RADT 251	3
RADT 252	6
PSYC 106	3
ENGL 121	<u>3</u>
	17

#### SEMESTER 4

RADT 255 (ON-LINE)	2
RADT 256 (ON-LINE)	2
RADT 267	7
Humanities	1
ENGL 122 or	3
SPCH 115	<u>3</u>
	16

Total Credits for Degree

71

This degree may take longer than two years to complete. Although not required to be taken prior to beginning the program, general education courses may be taken before starting clinical courses or during the summer terms.

## American Registry of Radiologic Technologist (ARRT) Examination

The Radiologic Technology Program implements an extensive assessment plan to evaluate its outcomes annually. ARRT certification examination results, program completion rates and employment rates are monitored annually. The following tables provide data for the past five (5) years.

**Credentialing Examination:** The number of students who pass, on the first attempt, the American Registry of Radiologic Technologists (ARRT) certification examination, or an unrestricted state licensing examination, compared with the number of graduates who take the examination within six months of graduation. The five-year average benchmark established by the JRCERT is 75%.

Credentialing Examination Rate	number passed on 1 <sup>st</sup> attempt divided by number attempted within 6 months of graduation
Year	Results
Year 1 - 2018	23 of 23 - 100
Year 2 - 2019	16 of 17 - 94
Year 3 - 2020	20 of 25 - 80
Year 4 - 2021	19 of 27 - 70
Year 5 - 2022	17 of 19 - 90
<b>Program 5-Year Average</b>	<b>96 of 111 - 87</b>

**Job Placement:** The number of graduates employed in the radiologic sciences compared to the number of graduates actively seeking employment in the radiologic sciences within twelve months of graduating. The five-year average benchmark established by the JRCERT is 75%.

Job Placement Rate	number employed divided by number actively seeking employment within 12 months of graduation
Year	Results
Year 1 - 2018	23 of 23 - 100
Year 2 - 2019	17 of 17 - 100
Year 3 - 2020	23 of 23 - 100
Year 4 - 2021	24 of 24 - 100
Year 5 - 2022	19 of 19 - 100
<b>Program 5-Year Average</b>	<b>106 of 106 - 100</b>

**Program Completion:** The number of students who complete the program within the stated program length. The annual benchmark established by the program is 70%.

Program Completion Rate	number graduated divided by number started the program
<b>Year</b>	<b>Results</b>
Year - 2022	19 of 27
<b>Annual Completion Rate</b>	71%



## RADIOLOGIC TECHNOLOGY PROGRAM ADMISSION CHECKLIST

- 1. Complete a Brookdale application.
- 2. Activate your MyBrookdale NETID at [www.brookdalecc.edu](http://www.brookdalecc.edu).
- 3. Complete a Radiologic Technology Program online application. All communication with the Admissions office should be addressed to:
  - Office of Admissions
  - Brookdale Community College
  - 765 Newman Springs Road Lincroft, NJ 07738
  - [healthscienceadmissions@brookdalecc.edu](mailto:healthscienceadmissions@brookdalecc.edu)
- 4. Complete the College Placement Assessments (may be waived based on college credits or SAT or ACT grades).
- 5. Have a college transcript sent to Admissions if you are transferring courses. Transcripts must be official and students wishing to have previous credits evaluated toward Brookdale degrees are responsible for having transcripts sent to the Admissions office and informing their counselor (Student Development Specialist) that they would like their transcripts evaluated. Transcripts will not be evaluated until the student has successfully completed one semester at Brookdale.
- 6. Make an appointment with an Academic Advisor located on the second floor of the CAR building. Questions about prerequisites and general education courses should be directed to your Advisor. Call 732-224-2555 to make an appointment.
- 7. Complete all Foundational Studies courses as determined by the College Placement Assessments.
- 8. Complete high school biology and chemistry or the equivalent college courses.
- 9. Take the Health Science entrance examination. When all Foundational Studies courses and high school biology and chemistry, or equivalent college courses, are complete and grades posted to your transcript, contact [healthscienceadmissions@brookdalecc.edu](mailto:healthscienceadmissions@brookdalecc.edu) to get a pass for the Health Science entrance examination. **It is the student's responsibility to contact the Admissions office when all Foundational Studies courses and high school biology and chemistry, or equivalent college courses are successfully completed. The passing composite score for the Health Science entrance examination for Allied Health students is 50 percent or higher.**
- 10. Attend an Information Session. **Once you have successfully completed the above steps you will be scheduled for an Information Session by the Admissions office.** Attendance at the Information Session is a **mandatory step** in the admission process. A student's name will not be placed on the waiting list until he or she attends an Information Session.
- 11. Complete Medical Terminology (HESC 105) and Anatomy & Physiology I (BIOL 111) prior to admission.

## Brookdale Community College

### RADIOLOGIC TECHNOLOGY PROGRAM ONLINE APPLICATION

**If you have not applied for admission to the College,  
complete a college application and activate your  
MyBrookdale NETID before submitting the online  
application.**

**[Click here for the online application](#)**

## Appendix A: Technical requirements

**SUBJECT:** Technical Requirements of a Radiographer for Competent Clinical Performance

The technical requirements is a list of essential functions to be performed by any qualified radiologic technologist in order to satisfactorily complete all of the required clinical assignments and to competently perform all the procedures of a diagnostic radiographer in the work force.

1. Communicate therapeutically in English to patients in order to converse with and instruct them, to relieve their anxiety and gain their cooperation during the procedure.
2. Hear a patient talk in a normal tone from a distance of 20 feet.
3. Visually observe the patient (from a distance of 20 feet), in order to accurately assess the patient's condition and needs during the procedure.
4. Read and comprehend patient's medical chart and doctor's orders.
5. Evaluate radiographic images for proper identification and to assure diagnostic quality.
6. Render services and assistance to all patients depending on the individual patient's needs and abilities in moving, turning, getting on and off the x-ray table, wheelchair, etc. Be able to push, pull, and lift 40 pounds without assistance.
7. Position a mobile x-ray unit and manipulate a mobile x-ray unit in turning movements, transporting the machine on and off an elevator, and positioning a mobile x-ray unit in a patient's room.
8. Manually move the x-ray tube and manipulate the tube at standard and non-standard heights and angles up to seven feet.
9. Push a stretcher and/or wheelchair without injury to self, patient, or others.
10. Perform imaging procedures while wearing personal protective equipment (mask, gown, gloves, etc.)
11. Perform CPR (bag and mask ventilation, chest compressions)
12. Safely and effectively prioritize workload
13. Utilize intellectual ability to adapt to changing patients' conditions and offer immediate assistance, signal for help as needed and perform emergency interventions while waiting for help.