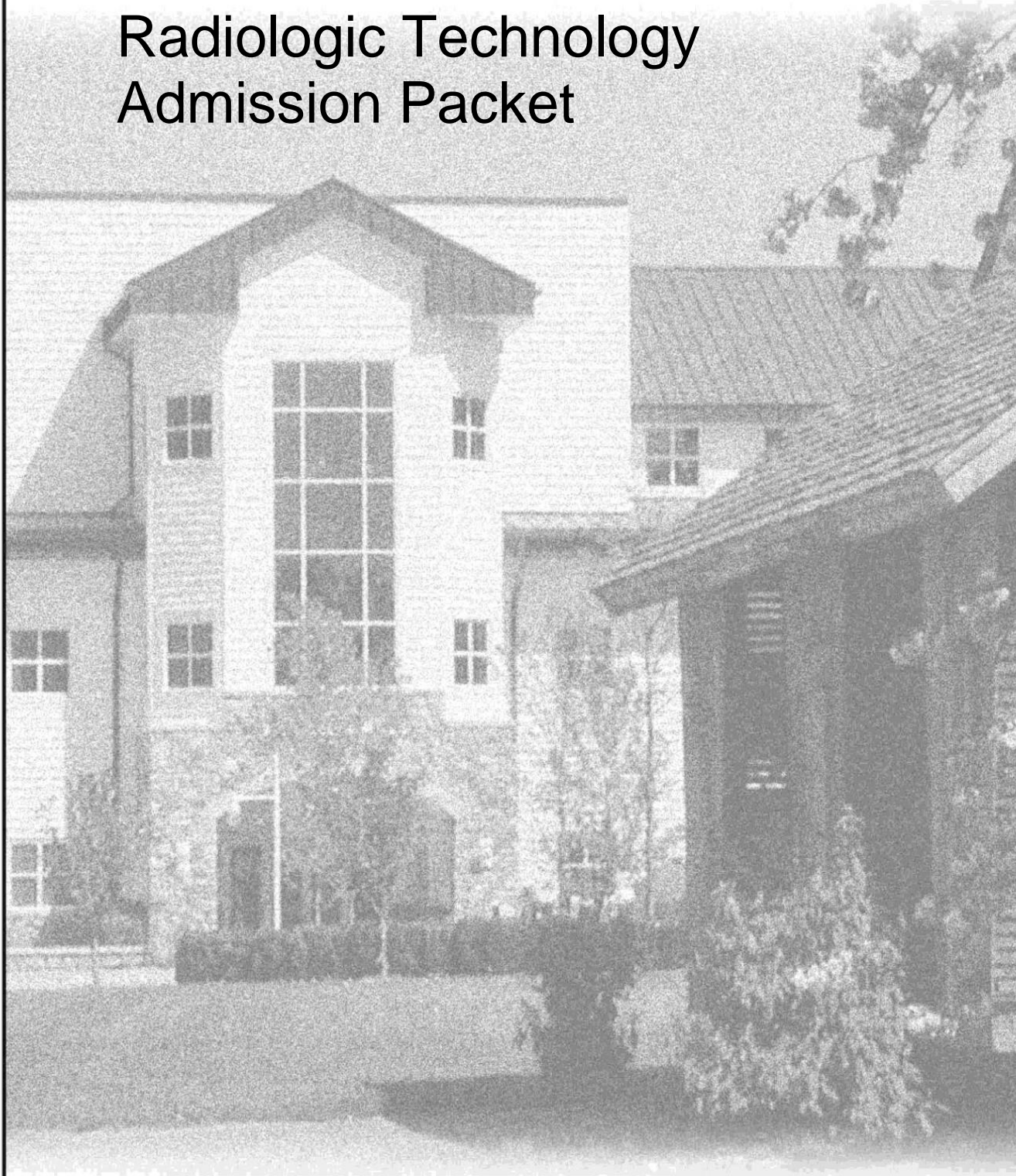


BROOKDALE COMMUNITY COLLEGE

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. 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 or Kathy Taggart at KTaggart@Brookdalecc.edu.

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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, which requires a valid Social Security number. 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 dropped from the program.

Drug Screen

1. 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.
2. These screenings are conducted by the external vendor, and the information is sent to the student and to the College.
3. 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.
4. 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.
5. 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.
6. 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.

Nondiscrimination Policy

As an academic institution, Brookdale facilitates the free exchange of ideas, upholds the virtues of civil discourse, and honors diverse perspectives informed by credible sources. Our College values all students and strives for inclusion and safety regardless of a student's disability, age, sex, gender identity, sexual orientation, race, ethnicity, country of origin, immigration status, religious affiliation,

political orientation, socioeconomic standing, and veteran status. For additional information, support services, and engagement opportunities, please visit www.brookdalecc.edu/support.

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

Brookdale Community College offers reasonable accommodations and/or services to persons with disabilities. Students with disabilities who wish to self-identify must contact the Disabilities Services Office at 732-224-2730 (voice) or 732-842-4211 (TTY) to provide appropriate documentation of the disability, and request specific accommodations or services. If a student qualifies, reasonable accommodations and/or services, which are appropriate for the college level and are recommended in the documentation, can be approved.

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)

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. Completion of the Radiologic Technology application.
4. Completion of all Basic Skills/Foundational Studies courses as determined by the College Basic Skills Placement Test.
5. Completion of high school biology and chemistry or the equivalent college courses.
6. Achievement of passing scores on the Health Science entrance examination.
7. Attendance at an Information Session.
8. Completion of HESC 105, Medical Terminology prior to admission.
9. 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:

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

healthscienceadmissions@brookdalecc.edu

*** There may be a waiting list for the program. Please check with Beth Stryker at 732.224.2330 for more information.**

Application Process

1. **Complete a College application.**
2. **Complete a Radiologic Technology application.** The Radiologic Technology application should be returned to the Admissions Office as quickly as possible. The date that this application is received in the Admissions Office will determine in part (see #9 below) your placement on the waiting list. Tech Prep high school students may submit this application during their junior year if they are enrolled
3. **Take the Accuplacer.** When you file a College application, you will automatically be scheduled for the Accuplacer. This test is used to determine readiness for college-level courses. It includes English, mathematics, reading, and algebra. Students who do not pass a section(s) of the test must take the appropriate developmental 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 test may be waived. The test 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 Basic Skills Placement Test may be taken in the senior year.

4. **Meet with Academic Advisor.** Students will be given information about meeting with an Academic Advisor after taking the Basic Skills Placement Test. Within one week, it is the student's responsibility to make an appointment with an Advisor to have the Accuplacer results interpreted and to select appropriate courses. Tech Prep high school students should schedule a meeting with a Brookdale Academic Advisor before November of their senior year.
5. **Complete high school biology and chemistry** or equivalent college courses.
6. **Take the Health Science entrance examination for Allied Health students.** When all Basic Skills/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 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 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. .

7. **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.

8. **Read the Criminal History Background Check Information on Page 2.** Criminal history clearance is required.
9. **Read the Drug Screening Information on Page 2.** A negative Drug Screen is required to start the program.
10. **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 application is received in the Admissions Office.
11. **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.

Tech Prep Admission

Seats are held for Tech Prep 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 Tech Prep Program may submit an 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 Accuplacer is taken 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.

Advanced Placement

A student may apply for advanced placement, if he/she has 1) already successfully completed radiography courses at another college and did not complete degree, 2) he/she completed a degree in radiography, but needs to return to a program to sit for the ARRT certification examination or 3) completed a degree in radiography at a foreign institution. In this case, the student must first contact the program director, Terry Konn, PhD at TKonn@Brookdalecc.edu and request an advanced placement evaluation. The student must attach 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.

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 Basic Skills 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 257	6
Humanities	3
ENGL 122 or	<u>3</u>
SPCH 115	16

SUMMER TERM

RADT 258	1 credit
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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.

The number of graduates who passed the exam on first attempt within 6 months of graduation

Year	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Number of graduates (n=)	21	20	24	24	30	21	25	25	21	34	23
The number of graduates who took exam within 6 months	21	20	24	24	30	21	25	25	21	31 [^]	23
% passed exam on first attempt	100	100	100	100	92	97	96	88	100	74	100
<i>The number of graduates who passed the exam on first attempt within 6 months</i>	21	20	24	24	28	20	24	22	21	23	23

*3 students did not sit for exam within 6 months of graduation n=34

Five (5) year average = 92% (2014-2018)

Program Completion Rate

Student Cohort	Program Completion Rate	No of students graduated (n=)
2014	77.4 %	24
2015	75.8 %	25
2016	70 %	21
2017	94%	34
2018	74%	23

Five (5) year average = 78.24% (2014-2018)

Job Placement Rates (within 6 months of graduation)

Year	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Number of graduates (n=)	20	24	24	30	21	24	25	21	34	23
Number of graduates seeking employment	20	24	24	30	21	23	24	21	31*	22
# of graduates who found employment within 6 months of graduation	20	24	24	30	19	22	22	19	30	21
% of graduates	86	72	91.6	93.3	90.4	95.7	91.7	90.5	97	95.5

*students did not sit for exam within 6 months of graduation n=34

Five (5) year average = 94.08% (2014-2018)

RADIOLOGIC TECHNOLOGY PROGRAM ADMISSION CHECKLIST

- 1. Complete a Brookdale application.
- 2. Carefully review the Radiologic Technology Admission Packet at <https://www.brookdalecc.edu/admissions/applying-to-brookdale/health-sciences-admissions/>
- 3. Complete a Radiologic Technology Program application. Return the application to the Admissions office. All communication with the Admissions office should be addressed to:

Beth Stryker
Office of Admissions
Brookdale Community College
765 Newman Springs Road Lincroft,
NJ 07738

- 4. Take the Accuplacer (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 Basic Skills Placement Test.
- 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 Beth Stryker at 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 Basic Skills 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 RADIOLOGIC TECHNOLOGY PROGRAM APPLICATION

If you have not applied for admission to the College, complete a College application before filling out this form.

Complete all questions below. All applicants must be matriculated students.

LAST NAME MAIDEN NAME OR OTHER FIRST NAME STUDENT ID NUMBER

STREET ADDRESS PHONE NUMBER (HOME OR CELL)

CITY STATE ZIP EMAIL ADDRESS

Please answer the following:

1. Are you a new student at Brookdale? yes no
2. Have you completed high school?
3. Are you a NJ Stars student? yes no
4. Do you have an equivalency certificate (GED)? yes no
5. Have you taken the Basic Skills Test? yes no
6. If not, when are you scheduled to take it? _____
7. Please list any other colleges attended _____

8. Were you given a Basic Skills Test Waiver? yes no The admission requirements for the Radiologic Technology Program include:

- Completion of a Brookdale application
- Completion of a Radiologic Technology Program application.
- Return application to:

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

- Completion of all Basic Skills courses as determined by the College Basic Skills Placement Test.
- Completion of high school biology and chemistry or the equivalent college courses.
- Achievement of passing scores on a Health Science entrance examination.
- Attendance at an Information Session.
- Completion of HESC 105, Medical Terminology prior to admission.
- Completion of BIOL 111, Anatomy & Physiology I prior to admission.

Completion of this form does not guarantee admission into the Radiologic Technology Program.

I hereby certify that I have read each page of the Radiologic Technology Admission Packet, that I am fully familiar with the contents of this document, and that I fully understand and have agreed to its terms and provisions.

I hereby understand that the submission of this application does not result in my name being placed on the waiting list. I must successfully pass the Health Science entrance examination and attend an Information Session to be placed on the waiting list.

Signature _____

Date _____