

**Northeast Mississippi Community  
College  
Radiologic Technology Program  
Information Packet**

**Included in this packet:**

- Information sheet about the program
- Approximate costs associated with the program
- Job description for radiologic technologists
- Clinical observation form
- Health occupations application
- Applicant Rating Worksheet (for your review-please do not complete)

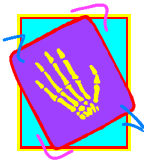
**Important Things to Remember:**

- An 8-hour clinical observation is required of all applicants to the program. This gives students a closer look at what to expect from radiologic technology as a career choice. The form for this is included in this packet (See information sheet for details on scheduling this observation).
- **May 1<sup>st</sup>:** deadline to return health occupations application and clinical observation form to Mrs. Davis (Program Director). Also, schedule and complete your **interview** with Mrs. Davis by May 1<sup>st</sup>.
- Pre-requisite classes must be completed by the end of the spring semester to be considered in the scoring process for acceptance into the program.

**Contact Information:**

Mrs. Jennifer C. Davis, Program Director  
Hargett Hall, office #209  
662-720-7364  
[jcdavis@nemcc.edu](mailto:jcdavis@nemcc.edu)

Mrs. Amber M. Nelms, Clinical Coordinator  
Hargett Hall, office #217  
662-720-7466  
[afnelms@nemcc.edu](mailto:afnelms@nemcc.edu)



## INFORMATION SHEET FOR RADIOLOGIC TECHNOLOGY MAJORS

Welcome to Northeast! We appreciate your interest in our program. We understand that it can be overwhelming if you are new to the college environment; even if you are currently enrolled or have been here before, it can still be overwhelming. We want to make your experience as positive as possible, so if you have any questions after reading through this sheet, please just contact us.

The Radiologic Technology program is an Associate Degree program. There are 26 hours of pre-requisite courses that must be taken prior to being eligible for acceptance into the program. Once accepted, a student can expect to take an introductory course to radiography (Fundamentals of Radiography) in the summer prior to beginning the program in the fall. When a student begins the program in the fall, only radiology specific courses and clinical rotations will be completed. **This is a full time training program and it is not recommended for those who cannot devote themselves as full time students. Because technologists are on their feet for long periods of time and may lift or turn disabled patients, physical stamina is important (US Dept. of Labor).** The program is designed to prepare students for employment in hospitals or clinics as radiographers. Radiographers produce radiographs (x-rays) of bones and body structures as directed by supervising physicians. This program will focus on principles of general radiography in preparation for the ARRT registry exam (a national certifying board examination).

The radiography program will accept 12-14 new students for each fall semester. Applications may be obtained from the program faculty. The application process involves an 8-hour observation at a local hospital of the student's choice. The student must independently schedule this observation; we ask that the student dress professionally (nice slacks, nice shirt or scrubs, if the student has them). The observation form is included in this packet. The student is responsible for scheduling the observation at the preferred facility. Hospitals that we utilize as clinical sites are: Magnolia Regional Health Center, Baptist Memorial-Booneville, Baptist Memorial-Union Co., McNairy Regional Hospital (Selmer, TN), Tippah County Hospital, The Imaging Center (Tupelo), and Eliza Coffee Memorial (Florence, AL).

Applicants are responsible for requesting that transcripts from other institutions be sent to the records office before the application deadline. When application and observation form is returned, a brief interview/question and answer session will be conducted between the student and the program faculty. Applications (including the 8 hour observation) must be returned no later than May 1. Previous applicants must submit a new application to be considered (observation must be repeated also). Students must maintain a minimum grade of "C" in both pre-requisite courses and radiography courses. Pre-requisite courses are listed below:

ENG 1113 (Eng Comp I)	SPT 1113 (Public Speaking)	CSC 1113 (Computer Concepts)
PSY 1513 (Gen Psych) or SOC 2113 (Intro to Sociology)		MAT 1233 (Inter. Alg.) or MAT 1313 (College Alg.)
ART 1113 (Art Appreciation) or MUS 1113 (Music Appreciation)		
BIO 2514 (Anatomy and Physiology I + lab)		BIO 2524 (Anatomy and Physiology II + lab)

**\*\*NEW FOR 2008\*\***

All students accepted into the program will be required to purchase a PDA (personal digital assistant) and accessories (memory card, software). The approximated cost for this is \$300.00. The PDA will be used for all clinical rotations throughout the two year term. Please see an instructor if you have questions concerning this matter.

**Please contact us if you are interested or have any further questions:**

Jennifer C. Davis, Program Director  
[jcdavis@nemcc.edu](mailto:jcdavis@nemcc.edu) 662.720.7364  
 Amber M. Nelms, Clinical Coordinator  
[afnelms@nemcc.edu](mailto:afnelms@nemcc.edu) 662.720.7466

**Radiologic Technology Cost Breakdown  
Instate (02/12/09)**

Tuition (4 full time semesters plus 12 part time hours) (945 x 4) + (105 x 12)	<b>5040</b>
Books and supplies (approx. 900 first semester- this includes the required PDA for the program)	<b>1500</b>
Hepatitis vaccination	<b>150</b>
Malpractice insurance (15/year)	<b>30</b>
Uniforms (2 sets/clinical site) @ 40 each set	<b>200</b>
Travel estimate (120 miles/2 days/16 weeks + 60 miles/2 days/16 weeks + 60 miles/5 days/10 weeks + 120 miles/3 days/16 weeks + 60 miles/3 days/16 weeks) @ 36.5 cents/mile	<b>6400</b>
Certification exam	<b>150</b>
Parking (30/year)	<b>60</b>
ID's (15/semester)	<b>75</b>
Physical exam	<b>150</b>
CPR cards (if taken at NEMCC)	<b>5</b>
Registry Review	<b>200</b>

**\*These prices are estimates only. They are to be used to help you plan for  
your education at NEMCC.**

## **Job Description for Radiologic Technologist**

(Taken from Introduction to Radiologic Technology, 5<sup>th</sup> edition, Gurley and Callaway)

**Position Summary:** Provides health care services by applying x-ray energy to assist in diagnosis or treatment. Performs radiographic procedures and related techniques to produce images for the interpretation by or at the request of a licensed practitioner. Exercises professional judgment in the performance of services and maintains a demeanor complementary to medical ethics. Provides appropriate patient care and recognizes patient conditions essential for successful completion of the procedure.

### **Duties and Responsibilities**

- Performs diagnostic radiographic procedures
  - Corroborates patient's clinical history with procedure; ensures that information is documented and available for use by a licensed practitioner
  - Prepares patients for procedures; provides instruction to obtain desired results, gain cooperation, and minimize anxiety
  - Selects and operates radiographic equipment, imaging, and/or associated accessories to successfully perform procedures
  - Positions patient to best demonstrate anatomic area of interest while respecting patient ability and comfort
  - Immobilizes patient as required for appropriate examination
  - Determines radiographic technique exposure factors
  - Applies principles of radiation protection to minimize exposure to patient, self and others
  - Evaluates radiographs or images for technical quality; ensures that proper identification is recorded
  - Assumes responsibility for the provision of physical and psychologic services to patients during procedures
  - Practices aseptic techniques as necessary
  - Understands methods for and is capable of performing venipuncture
  - In agreement with state statute(s) and/or where institutional policy permits, prepares, identifies, and/or administers contrast media and/or medications as prescribed by a licensed practitioner
  - Verifies informed consent for and assists licensed practitioner with interventional procedures
  - Assists licensed practitioner with fluoroscopic procedures as appropriate and consistent with applicable state statutes (where applicable)
- Provide patient education
- Assists in maintaining records, thereby respecting confidentiality and established policy
- Assumes responsibility for assigned area; reports equipment malfunctions
- Provides input for equipment purchase and supply decisions
- Provides practical instruction for students and/or other healthcare professionals
- Participates in the department's quality assessment and improvement plan; may be responsible for specific quality control duties in assigned area
- Maintains knowledge of and observes universal precautions
- Understands and applies patient-relation skills
- Pursues appropriate continuing education

### **Qualifications**

Graduate of Committee-of-Allied-Health-Education-and Accreditation (CAHEA) accredited radiography program or equivalent. (Note: Northeast's Radiography program is accredited by JRCERT (Joint Review Committee on Education in Radiologic Technology- the only organization recognized by the US Dept of Education to evaluate and accredit education programs in radiography and radiation therapy).



**\*\*FOR OFFICE USE ONLY\*\***

NORTHEAST MISSISSIPPI COMMUNITY COLLEGE  
Rating Scale for Radiological Technology

Applicant: \_\_\_\_\_ SS# \_\_\_\_\_  
Date of Application: \_\_\_\_\_

CRITERIA	VALUE POINTS	TOTAL POINTS																														
ACT Composite (List actual score) e.g. score of 20 on ACT = 20 points Below 17 = 0 points	ACT Composite Score _____																															
RT related student (Radiological Technology is listed as major and student has been interviewed by RT faculty and pre-registered student for that semester.	One semester = 5 points  Two semesters = 10 points																															
Overall GPA	2.25 – 2.49 = 1 point 2.5 – 2.99 = 3 points 3.0 – 3.49 = 5 points 3.5 – 4.0 = 7 points																															
Academic courses taken with assigned point values as follows: A = 5 points B = 3 points C = 1 point 1 point deduction for each course repeated or withdrawn  + 5 points for College Algebra	<table border="1"> <thead> <tr> <th>Course</th> <th>Grade</th> <th>Pts</th> </tr> </thead> <tbody> <tr> <td>A/P I</td> <td></td> <td></td> </tr> <tr> <td>A/P II</td> <td></td> <td></td> </tr> <tr> <td>Int. Alg or College Alg.</td> <td></td> <td></td> </tr> <tr> <td>Eng. Comp.I</td> <td></td> <td></td> </tr> <tr> <td>Oral Comm.</td> <td></td> <td></td> </tr> <tr> <td>Computer Concepts</td> <td></td> <td></td> </tr> <tr> <td>Psychology or Sociology</td> <td></td> <td></td> </tr> <tr> <td>Music Appreciation or Art Appreciation</td> <td></td> <td></td> </tr> <tr> <td align="center" colspan="3">Subtotal _____</td> </tr> </tbody> </table>	Course	Grade	Pts	A/P I			A/P II			Int. Alg or College Alg.			Eng. Comp.I			Oral Comm.			Computer Concepts			Psychology or Sociology			Music Appreciation or Art Appreciation			Subtotal _____			
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Number of non-related/non-required courses with a grade of C or higher taken at NEMCC	(Maximum of 9 courses) x 1 point each  Subtotal _____																															
Medical Experience: <b>Documentation must be in the Program Director's office by deadline dates to earn point(s). This is the responsibility of the student.</b>	<table border="1"> <tbody> <tr> <td>Paramedic</td> <td>3</td> </tr> <tr> <td>BS or higher degree</td> <td>3</td> </tr> <tr> <td>EMT</td> <td>2</td> </tr> <tr> <td>Allied Health program cert/license</td> <td>2</td> </tr> <tr> <td>Cert. Nursing Assistant</td> <td>2</td> </tr> <tr> <td>HS Health Occupations Course</td> <td>1</td> </tr> <tr> <td>Other (must be approved by RT faculty)</td> <td>1</td> </tr> </tbody> </table>	Paramedic	3	BS or higher degree	3	EMT	2	Allied Health program cert/license	2	Cert. Nursing Assistant	2	HS Health Occupations Course	1	Other (must be approved by RT faculty)	1																	
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8 hours observation completed by May 1 Documentation must be turned in with application.	+ 5 points for completion - 10 points for not completing																															
Interview with program faculty completed by May 1 It is the student's responsibility to schedule an interview with the program faculty.	+ 5 points participation in interview - 10 points for not having an interview																															
	<b>TOTAL POINTS</b>																															



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**RADIOLOGIC TECHNOLOGY - APPLICATION FOR ADMISSION**

Date: \_\_\_\_\_ Social Security #: \_\_\_\_\_ ID#: \_\_\_\_\_

Name: \_\_\_\_\_  
Last First Middle Maiden

Address: \_\_\_\_\_  
Street/Apt. #/ P.O. Box City State Zip Code

Email address \_\_\_\_\_

Telephone #s: Home \_\_\_\_\_ Cell \_\_\_\_\_

List all colleges attended (including NORTHEAST MS CC) and dates of attendance:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Expected Date of Enrollment: \_\_\_\_\_  
 (If requesting *readmission*, indicate which semester: 1<sup>st</sup> \_\_\_\_\_ 2<sup>nd</sup> \_\_\_\_\_ 3<sup>rd</sup> \_\_\_\_\_ 4<sup>th</sup> \_\_\_\_\_).

**Answer all questions. Applications submitted with unanswered questions will be considered incomplete and may delay your ability to enter the program.**

YES	NO	Have you ever been a student in another Radiology or other medical program(s)? When, where, and reason for leaving that program?
YES	NO	Have you ever been convicted of, pled no contest to, or are charges pending against you for a felony or misdemeanor in any state/ jurisdiction? <b><i>(The American Registry for Radiologic Technologist may, in its discretion, refuse to accept the application of any person who has been convicted of a criminal offense).</i></b> If you checked yes, please request a personal interview appointment with the Radiologic Technology Program Director.
YES	NO	Do you understand that you will submit a notarized affidavit and/or criminal background check/fingerprinting and must have no disqualifying offenses as listed in Section 45.33.23(f) of the MS Code in order to be admitted into the Radiologic Technology program? (Please ask if you do not understand).
YES	NO	Do you understand the functional skills/abilities that are considered essential for the practice of Radiologic Technology as listed below? <i>These include: fine motor skills, hearing, arithmetic competence, emotional stability, analytical thinking, critical thinking, interpersonal skills, communication skills, mobility, vision, and reading.</i> <b>Because technologists are on their feet for long periods of time and may lift or turn disabled patients, physical stamina is important (US Dept. of Labor).</b>

**Applicants to the Radiologic Technology Program are responsible for scheduling an 8 hour observation AND an interview with program faculty prior to the May 1<sup>st</sup> application deadline. The application, observation form, and required questions should be turned in at the interview.**  
*Application continued on reverse side*

**Please indicate with  $\checkmark$  any that currently apply to you:**

Paramedic

BS, BA or higher level degree

EMT

Allied Health program certification/license

Certified Nursing Assistant

High School Health Occupations course completed

Other Medical Experience-Please specify \_\_\_\_\_

**Date & place degree/certificate was awarded:** \_\_\_\_\_

***PLEASE NOTE: You are responsible for providing copies of certificates, etc. to validate the above information. Documentation must be submitted to the Program Director's office by the deadline date to receive points on the rating scale.***

**I attest the information provided on this application is true and accurate. I understand any falsification of the information invalidates the application.**

Signature: \_\_\_\_\_

Date: \_\_\_\_\_