



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

Included in this packet:

- Information sheet about the program
- Memo to medical related students
- Statement of Understanding: Program of Study
- 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). If you choose to enroll in RGT 1213 (Fundamentals of Radiography) the observation is incorporated into the course and there is no need to do a separate observation.
- **May 1st:** 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 1st.
- 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

Mrs. Amber M. Nelms, Clinical Coordinator
Hargett Hall, office #217
662-720-7466
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 a lot to navigate. We want to make your experience as positive as possible, so if you have any questions after reading through this information, 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. 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 new students for each fall semester. Applications may be obtained from the link on this page. Hospitals that we utilize as clinical sites are: Magnolia Regional Health Center, Baptist Memorial-Booneville, Baptist Memorial-Union Co., Iuka Hospital (affiliate of North Mississippi Medical Center), Tippah County Hospital, Mitias Orthopaedics (New Albany, MS), and Magnolia Orthopaedics (Corinth, MS).

Applicants are responsible for requesting that transcripts from other institutions be sent to the records office before the application deadline. Interviews will be conducted beginning in January of each year. Please call the program director, Mrs. Jennifer Davis, to schedule your interview. Completed applications and interview (as well as an 8-hour observation- either independently or part of RGT 1213) must be received/completed no later than May 1. If you do not take RGT 1213 prior to applying to program you must complete an 8-hour observation independently (if you take the course, it is incorporated into it). Previous applicants must call program faculty to have application re-activated. Students must maintain a minimum grade of "C" in both pre-requisite courses and radiography courses. Pre-requisite courses are listed below (**updated October 2015**):

ENG 1113 (Eng Comp I)	CSC 1123 (Computer Applications)
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)

RGT 1213 (Fundamentals of Radiography) will be offered to any student who is interested in applying to the program. It has been added to the rating scale and will be scored like the pre-requisites listed above. It is offered online in the fall, spring, and summer semesters. The 8-hour observation will be incorporated into this course.

All students accepted into the program will be required to purchase an iPad. The approximate cost for this is \$500.00. The iPad will be used for all clinical rotations and ebooks throughout the two years. Please see an instructor if you have questions concerning this matter.

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

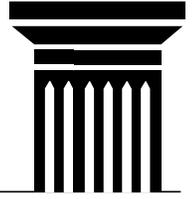
Jennifer C. Davis, Program Director jcdavis@nemcc.edu 662.720.7364

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Northeast Mississippi Community College



Dean of Instruction's Office
217 A Ramsey Hall
101 Cunningham Blvd., Booneville, MS 38829
662-720-7375
662-720-7316 fax

MEMORANDUM

TO: Medical-Related Students

FROM: Dean Rilla Jones

DATE: January 15, 2014

SUBJECT: Program of Study

When you applied to Northeast you selected a medical program as your program of study. The medical programs have limited enrollment, require a secondary application and students are accepted into the program based on points on a rating scale. While you have been taking your pre-requisite courses you have been classified in a "Liberal Arts" program of study. You have been assigned a medical program instructor as your advisor to help you select the courses to best prepare you for the competitive admission program in which you are interested.

The advantage to being classified in a Liberal Arts program of study is that you can earn an Associate of Arts degree in Liberal Arts that will transfer to a four-year college and you can continue your studies to earn a Bachelors degree in Liberal Arts.

Thank you



Northeast Mississippi Community College



Statement of Understanding Program of Study

Please read and initial the following statements and sign and date the form.

____ I understand that I am in a Liberal Arts Program of Study while I am attempting to gain admission to a health related program.

____ I understand the medical programs have limited enrollment, require a secondary application and students are accepted into the program based on points on a rating scale.

____ I understand while I am taking the pre-requisite courses I am classified in a "Liberal Arts" program of study and have been assigned a medical program instructor as my advisor to help me select the courses to best prepare me for the competitive admission program in which I am interested.

____ I understand I can earn an Associate of Arts degree in Liberal Arts that will transfer to a four-year college.

____ I understand that I can transfer the courses listed in the Liberal Arts program of study in the Articulation Agreement between the Mississippi Board of Trustees of State Institutions of Higher Learning

Student Signature

Date

Radiologic Technology Expenses

Instate Tuition (4 full time semesters plus 12 part time hours) (1125 x 4) + (125 x 12)	6000
Books and supplies (approx. 900 first semester- this includes the required Ipad for the program)	1500
Hepatitis vaccination	150
Malpractice insurance (15/year)	30
Uniforms (2 sets/clinical site) @ 40 each set	200
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	6400
Certification exam	200
Parking (30/year)	60
ID's (15/semester)	75
Physical exam	150
CPR cards (if taken at NEMCC)	10
Registry Review	200

***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, 5th 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).

The Joint Review Committee on Education in Radiologic Technology
20 North Wacker Drive, Suite 2850
Chicago, Illinois 60606-3182
312-704-5300
mail@jrcert.org

Clinical Observation Form (Due in program director's office by May 1)

Student Name:

Observation Site:

Date:

Time in :
Time out:

Observation Check List

Required Procedures: <ul style="list-style-type: none"><input type="checkbox"/> Chest Radiography<input type="checkbox"/> Fluroscopy Examination<input type="checkbox"/> Portable Examination	Technologist Signature: _____ _____ _____
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Choose at least three of the following procedures:

<input type="checkbox"/> CT procedure	_____
<input type="checkbox"/> MRI Procedure	_____
<input type="checkbox"/> Specials Procedure	_____
<input type="checkbox"/> ER Procedure	_____
<input type="checkbox"/> Film Processing	_____
<input type="checkbox"/> Pediatric Procedure	_____
<input type="checkbox"/> Other _____	_____
<input type="checkbox"/> Other _____	_____
<input type="checkbox"/> Other _____	_____

Question Section:

Please answer the following questions after you complete the 8 hour observation. Attach a typed document with the questions and answers. Leave a double space between each question/answer.

1. What is medical radiography?
2. Describe the role of the technologist within the radiology department.
3. Describe the interaction between the technologist and the patient.
4. Describe the interaction between the technologist and the radiologist.
5. Why are you interested in a career in medical radiography?



Division of Health Sciences • 101 Cunningham Blvd • Booneville, Mississippi 38829
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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: 1st _____ 2nd _____ 3rd _____ 4th _____).

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? <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). If you checked yes, please request a personal interview appointment with the Radiologic Technology Program Director.</i>
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. 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).</i>

Applicants to the Radiologic Technology Program are responsible for scheduling an 8 hour observation AND an interview with program faculty prior to the May 1st application deadline. The application, observation form, and required questions should be turned in at the interview.

Application continued on reverse side

Please indicate with any that currently apply to you:

- | | |
|--|---|
| <input type="checkbox"/> Paramedic | <input type="checkbox"/> Certified Nursing Assistant |
| <input type="checkbox"/> BS, BA or higher level degree | <input type="checkbox"/> High School Allied Health/Health Sciences Course completed |
| <input type="checkbox"/> EMT | <input type="checkbox"/> Survey of Healthcare Careers Course completed |
| <input type="checkbox"/> Allied Health program certification/license | <input type="checkbox"/> 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: _____

(Revised 10/2015)