Dear Student:

Enclosed you will find information about the Radiologic Technology Program. All forms have been included for admission to the college and the program.

The following forms must be completed by **MARCH 1** in order to be considered a candidate for the Program:

- College Admission
- Radiologic Technology Program Application
- Reference Forms (2)
- Hospital Observation Form
- Health-Related Work Form (mark "none" if not applicable)
- Pregnancy Policy Form for Females
- Transcripts to Registrars Office

*If you are in A & P I or A & P II when applying to the program, please submit your midterm grade to the Program Director as soon as the midterm grade is available.*

Immunizations and CPR Training are not required before acceptance into the Program.

If you have any questions concerning the application process, please call me at (870) 391-3318.

Sincerely,

**Sondra Richards**

Sondra Richards, M.S. RT(R)(M)
Director, Radiologic Technology

Enclosures

SR/nj

Revised 7/14
MISSION STATEMENT

The Radiologic Technology Program was established to provide qualified radiologic technologists for an expanding medical field. Through didactic learning, laboratory preparation, and clinical experiences, the students develop professional knowledge, ethical patient care and technical skills. The students will be prepared as entry level radiographers with the potential of advancing their education and professional careers.

PROGRAM GOALS

GOAL 1: Students will be clinically competent when performing entry-level radiographic exams.

   Outcome 1A: Students will demonstrate proper patient positioning skills that include proper equipment handling and proper technique.

   Outcome 1B: Students will utilize radiation protection methods when using ionizing radiation.

GOAL 2: Students will communicate effectively with patients and members of the healthcare team.

   Outcome 2A: Students will demonstrate effective written communication skills.

   Outcome 2B: Students will demonstrate effective oral communication skills.

GOAL 3: Students will use critical-thinking and problem-solving skills.

   Outcome 3A: Students will adjust positioning and procedure protocol for trauma patients (non-routine).

   Outcome 3B: Students will accurately evaluate radiographic images for optimal quality.
GOAL 4: Students will model professionalism.

Outcome 4A: Students will demonstrate professional responsibility in the working environment.

Outcome 4B: Students will determine the importance of continued professional development.

GOAL 5: The Program will provide the community with professional and competent entry-level radiologic technologists.

Outcome 5A: Students will complete the program and graduate within two years.

Outcome 5B: Students will be satisfied with their experience.

Outcome 5C: Graduates will pass the ARRT Radiography Certification on the first attempt.

Outcome 5D: Graduates pursuing employment will be gainfully employed within 12 months of graduation.

Outcome 5E: Employers will be satisfied with graduate performance.

PROGRAM EFFECTIVENESS DATA

The Radiologic Technology Program's effectiveness data, including ARRT Registry Exam Pass Rate, Job Placement Rate and Employer Satisfaction Rate can be accessed through the JRCERT website: www.jrcert.org.
PROGRAM DESCRIPTION

The Radiologic Technology Program is a two-year accredited program providing clinical and didactical education in the field. Accreditation is maintained through the Joint Review Committee on Education in Radiologic Technology and can be accessed at www.jrcert.org. Information concerning ARRT Registry Exam Pass Rate, Job Placement Rate and Program Completion Rate can be accessed at this website as well as the North Arkansas College Radiologic Technology website.

Upon graduation, the student will receive an Associate of Applied Science degree, as well as eligibility to take the American Registry of Radiologic Technologists Examination for Radiographers. This examination certifies the applicant as a Registered Technologist, RT(R), ARRT.

COURSES OF STUDY

In the two-year program, you will learn radiographic positioning skills plus applied physics, osteology, pathology and terms pertinent to radiographic procedures. You are also taught radiographic techniques, quality control, and fluroscopic procedures, using contrast agents. You will experience on-the-job training in several of the major medical centers in the area.

The courses of study for the radiologic technology program include:

- Oral & Written Communication
- Medical Ethics and Legal Issues
- Patient Care
- Medical Terminology
- Pathology
- Computer Applications
- Quality Assessment
- Radiologic Sciences Theory & Techniques
- Anatomy & Physiology
- Radiation Physics
- Radiation Biology & Protection
- Instrumentation
- Competency-based Clinical Education

Personal and academic counseling is available at North Arkansas College through the Career Center.

ADVANCED PLACEMENT FOR REGISTERED TECHNOLOGISTS

Registered Radiologic Technologists may be granted college credit which will apply toward the completion of the AAS degree in Radiologic Technology. Interested persons may apply to the Program Director for credit by presenting evidence of current certification by the American Registry of Radiologic Technologists (ARRT). At least 15 semester hours must be completed at Northark in addition to the credit granted for ARRT Certification. The AAS degree will be awarded upon completion of full curriculum as specified in the Northark catalog.

ADVANCED PLACEMENT FOR NON-REGISTERED GRADUATES

The Radiologic Technology Program does not offer supplemental education for those graduates of a radiography program who are currently not certified and are seeking to become eligible to attain certification.

(over)
POLICY FOR TECHNICAL STANDARDS

The following technical standards have been developed for the radiologic technology program's applicants.

1. Must be able to reach and adjust the x-ray tube which is at a height of 76-80" from the floor.
2. Must be able to lift and carry up to 5 radiographic cassettes which weigh 2-6 pounds each.
3. Must be able to give clear verbal commands to the patient who is positioned for a radiograph at a distance of 6-10 feet from the technologist's control area.
4. Must not be highly allergic to developer or fixer chemicals.
5. Must have sight corrected so as to be able to read and adjust the x-ray control panel and to be able to correctly position the patient. This includes seeing positioning lights on the radiographic units.
6. Must have hearing corrected so as to be able to hear the patient at a distance of 6-10 feet.
7. Must be able to tolerate physically taxing workloads and to function effectively under stress.

GRADING POLICIES

CLASSROOM
The final grade is calculated by specifications made in each course outline. Assignments are given a grade of “100” if submitted on time, a zero if not.

Students must receive a “C” or above for any general education course required in Radiologic Technology curriculum.

Students are required to maintain a GPA of 2.0 (C average), on all radiologic technology curriculum courses. This 2.0 GPA must be maintained for program and graduation requirements. The grading scale is as follows:

- 100-93 = A
- 92-84 = B
- 83-75 = C
- 74-66 = D
- Below 65 = F

CLINICAL
Grades from each Performance Evaluation and end-of-the-month Clinical Evaluation are graded on a percentage of the total number. The Daily Logbook, Time Sheets and Radiation Badges are due at the end of the month. A grade of “100” will be given if submitted on time, a zero, if not.

The final grades are calculated by averaging all clinical grades at the end of each clinical practice course. The percentage will correspond to the grading scale above.

Revised 7/3/13
Students are admitted into the Radiologic Technology Program for the Fall semester. To be eligible for admission, the student must:

1. **Be admitted to the college** before **MARCH 1** (see college admission procedures).

2. Have completed ACT and/or COMPASS test and have scores sent to Northark (see college requirements for placement). Transfer students must submit a complete transcript. All college preparatory classes (based on the ACT or ASSET test scores) must be completed with a "C" or above before being accepted into the program.

3. Receive a "C" or above for any general education courses required in the Radiologic Technology curriculum.

4. Be advised that applicants convicted of a felony or misdemeanor involving moral turpitude will be eligible to take the ARRT Registry examination when completing the program only if they have served their entire sentence including probation and parole and have had their civil rights restored.

5. Complete the Radiologic Technology Program application file by **March 1**, for program consideration. The application process must be reviewed yearly. The student will be subject to any revised entrance requirements that may be in effect at the time of reapplication. The application file must include the following:
   a) Radiologic Technology Program Application Form
   b) Reference Forms (2) from employers, teachers, medical personnel, etc.
   c) Hospital Observation Evaluation Form
   d) Health-related Work Experience Form (if applicable)
   e) Pregnancy Policy Form for Females
   f) All transcripts

6. Complete or have in progress BIOL 2214-Anatomy & Physiology I, BIOL 2224-Anatomy & Physiology II, and MAT 1011-Math for Career & Tech I and MAT 1012-Math for Career & Tech II or MAT 1123-Math for Career & Tech III (Intermediate Algebra) or higher.

7. Call the Radiologic Technology Program Director if any questions or problems arise.

Once the completed application file is submitted to the radiologic technology director, acceptance into the program will be based on the following:

1. **Grade point average**
   - 4.0 - 3.6 = 50 points
   - 3.5 - 3.1 = 40 points
   - 3.0 - 2.6 = 30 points
   - 2.5 - 2.1 = 20 points
   - 2.0 (minimum) = 10 points

2. Grade points from previous courses applicable to the Radiologic Technology Program.

3. Points from hospital observation evaluation form.

4. Points from two reference forms.
5. Points for health-related work experience:
   - Radiology Department = 50 points
   - Other hospital or doctor's office = 30 points
   - Other = 10 points

6. Points for completing Anatomy & Physiology I and II with the following grades:
   - A = 200 points
   - B = 100 points
   - C = 50 points

7. 50 Points for completing the North Arkansas College Pre-Allied Health Certificate as indicated on the student's transcript.

*If you are in A & P I or A & P II when applying to the program, PLEASE SUBMIT YOUR MIDTERM GRADE to the Program Director as soon as the midterm grade is available. Bonus Points will be given for this mid-term grade.

All applicants will be ranked numerically and placed into available openings according to their rank. Meeting all criteria and submitting an application does not guarantee admission into the radiologic technology program. Once accepted into the Radiologic Technology Program the students must, prior to the second summer program meeting in June:

1. Accept in writing by the date indicated on the acceptance letter.

2. Students must submit documentation of the following once accepted into the Program:
   - PPD; Tuberculin Skin Test (TB Skin Test); or Certificate of Health-within the last year (12 months)
   - Hepatitis B vaccination-series of 3; Titer-screening; or waiver
   - Varicella vaccination-series of 2; Titer-screening; or waiver
   - Current CPR certification (American Heart Association-Healthcare Provider) *Students need Health Care Provider Level-CPR American Heart Association. Course must include examination and performances check off of CPR skills. You have the option to complete this in a face-to-face class or Part 1 online at http://www.heart.org; look for “Find a CPR class”, then “Healthcare Training”, then “Basic Life Support (BLS)”, then “Basic Life Support (BLS) for Healthcare Providers (HCP) Online Part 1”. After completing Part 1 online, you then find a BLS instructor to check off your skills.*
   - Tetanus; Tdap within the last 10 years
   - 2 MMR vaccinations or documentation of Rubella screening
   - 10 Panel UA Drug Screen will be required before starting clinicals (details will be given at Orientation for this process)

Students CANNOT start their clinical rotations without this proof. Health Statement, Immunizations, & CPR have to be submitted to Program Office by the second summer program meeting in June.

3. Obtain liability insurance and radiation badge service when paying fall semester fees.

4. Attend mandatory meetings held in May, June, and possibly in July in the Rad Tech classroom (M111-D) or program termination will occur.

Radiologic technology students must have available transportation to the college and to the following clinical sites where you may be assigned:

1. Arkansas Orthopedic & Sports Medicine, Harrison, Arkansas
2. Baxter Regional Medical Center, Mountain Home, Arkansas
3. North Arkansas Regional Medical Center, Harrison, Arkansas
4. Northwest Medical Center, Springdale, Arkansas
5. Ozark Medical Center, West Plains, Missouri
6. Cox Medical Center Branson, Branson, Missouri
7. Stone County Medical Center, Mountain View, Arkansas
8. Mercy – Berryville, Berryville, Arkansas

Clinical sites require orientation and a background check before starting clinical rotations.

Students who withdraw from the radiologic technology program and reapply for admission must again meet eligibility requirements. Revised 6/14
DRUG SCREENING POLICY

Please be aware that some clinical agencies require criminal background checks and drug screening* on all people working in their facilities. As a student, you will fall under the policies of the institution in which you will do your clinical. If random drug screening is done on the unit you are working on that day, you may become a part of that screening.

If you are unable to meet the agencies policies and are denied clinical access by any affiliating agency, you will be unable to complete the program.

*If you are taking any prescription drug that will or may show up in a drug screen, you must be able to produce a valid drug prescription in your name.
After officially being accepted into the program, the students will be asked to attend two or possibly three mandatory meetings during the summer before starting the program in August. During the first meeting in May, we order uniforms for the clinical practice. In June, we meet to discuss clinical sites and review the Rad Tech Program Manual. Students are also required to submit their Health Statement, immunizations, and current CPR card by the June meeting.

If hybrid courses are offered, the student will be on campus only one day a week instead of two.

FRESHMEN STUDENTS

When students start the fall semester in August, they will attend the Rad Tech classes as follows:

<table>
<thead>
<tr>
<th>Time</th>
<th>MW</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00</td>
<td>MW</td>
<td>Introduction to Radiologic Tech</td>
</tr>
<tr>
<td>10:30</td>
<td>MW</td>
<td>Patient Care</td>
</tr>
<tr>
<td>11:30</td>
<td>MW</td>
<td>Radiographic Procedures I</td>
</tr>
<tr>
<td>1:00-3:00</td>
<td>M</td>
<td>Radiographic Procedures Lab</td>
</tr>
</tbody>
</table>

Clinical sites are assigned by program faculty and begin in October. Clinical days are Tuesdays and Thursdays for 6 ½ hours each day.

In the freshman spring semester, starting in January, the classes are as follows:

<table>
<thead>
<tr>
<th>Time</th>
<th>MW</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00</td>
<td>MW</td>
<td>Radiographic Physics</td>
</tr>
<tr>
<td>10:30</td>
<td>MW</td>
<td>Radiographic Imaging</td>
</tr>
<tr>
<td>12:00-2:00</td>
<td>M</td>
<td>Radiographic Imaging Lab</td>
</tr>
<tr>
<td>12:00-2:00</td>
<td>W</td>
<td>Radiographic Procedures II</td>
</tr>
</tbody>
</table>

Clinicals are again on Tuesdays and Thursdays, 6 ½ hours per day at the same clinical site as before.

The freshman summer is spent in clinical only, Mondays through Thursdays, 8 ½ hours per day. During July, the students rotate through special areas of the hospital such as Respiratory Therapy and EKG’s.

(over)
SOPHOMORE STUDENTS

The schedule changes in the sophomore fall semester. In August, their classes are as follows on Tuesdays and Thursdays:

9:30 TTH Radiographic Pathology
11:00 TTH Radiation Protection
12:30 -2:00 TTH Special Procedures

The clinical schedule changes also– the sophomore students are now at their same clinical sites on Mondays and Wednesdays for 8 ½ hours each day. They will rotate through specialized areas such as surgery, portables, orthopedic clinic, cath lab, emergency room, mammography, and clinical laboratory.

In the sophomores’ last spring semester, starting in January, the classes are as follows:

10:00 TTH Seminar in Radiologic Technology
11:00 TTH Radiographic Evaluation
12:00-1:30 TTH Advanced Modalities

The clinical rotations continue on Mondays and Wednesdays for 8 ½ hours each day at the same clinical site. The sophomore students will rotate through various modalities such as CT, MRI, Nuclear Medicine, Ultrasound, Oncology, and Bone Density.

Right before graduation, the sophomores and their families are honored at the Radiologic Technology Pinning Ceremony. After graduation, the students are eligible to take the ARRT Registry Examination that enables them to put RT(R) behind their names. This signifies that they are Registered Technologists in Radiography.

Professional development is encouraged and students may attend local and state seminars while in the program. Rad Tech Club funds are used to help with travel expenses for out-of-town meetings. Professional development is required after taking the ARRT exam to maintain Registry status.

Graduates find employment opportunities inside and outside the north Arkansas area. At times they are hired for positions before they have graduated the program. Graduates also have the opportunity to advance their education by continuing on for a BSRS degree at a nearby university or specializing in a particular imaging modality such as CT, MRI, etc. The doors are open wide for those seeking career advancement.
GENERAL
* ALDH 1041-3 Medical Terminology .........................................................1-3
@#* BIOL 2214 Anatomy & Physiology I .....................................................4
@* BIOL 2224 Anatomy & Physiology II ....................................................4
* CIS 1103 Introduction to Information Technology ...........................3
* ENGL 1013 English Composition I.........................................................3
* ENGL 1023 English Composition II........................................................3
* MAT 1011 and Math for Allied Health I and...............................................1
* MAT 1012 Math for Allied Health II or higher .................................2
* SOC 2013 Introduction to Sociology.......................................................3

AREA OF CONCENTRATION
Freshman Fall:
RADT 1103 Introduction to Radiologic Tech ................................ 3
RADT 1122 Patient Care ............................................................... 2
RADT 1144 Radiographic Procedures I ......................................... 4
RADT 1162 Clinical Practice I ........................................................ 2

Freshman Spring:
RADT 1184 Radiographic Imaging ................................................ 4
### RADT 1203 Radiographic Physics ................................................. 3
RADT 1232 Radiographic Procedures II ........................................ 2
RADT 1242 Clinical Practice II ....................................................... 2

Freshman Summer I:
RADT 1262 Clinical Practice III...................................................... 2

Sophomore Summer II:
RADT 2112 Clinical Practice IV ..................................................... 2

Sophomore Fall:
RADT 2123 Radiation Protection ..................................................... 3
RADT 2143 Special Procedures ........................................................ 3
RADT 2173 Radiographic Pathology .................................................. 3
RADT 2193 Clinical Practice V ....................................................... 3

Sophomore Spring:
RADT 2203 Advanced Imaging Modalities ........................................ 3
RADT 2222 Radiographic Evaluation ................................................ 2
RADT 2253 Clinical Practice VI ...................................................... 3
RADT 2262 Seminar in Radiologic Tech ........................................ 2

TOTAL 72-74

* May be taken prior to program acceptance
# Requires prerequisite CHEM 1214-Chemistry I for Health-Related Professions OR a “B” or better grade in each of two semesters of High School Chemistry
###Prerequisite MAT 1011 plus MAT 1012 or higher
@Must have completed or be in progress for program acceptance.
ET 1134 (Previously MAT 1134) Applied Algebra and Trigonometry will not be accepted as an option for the Math requirement for this program.

Revised 5/2012
North Arkansas College  
Radiologic Technology  
Estimated Program Cost Analysis  

### Prerequisites & General Education Requirements
#### Spring Semester

Tuition and (10 hours)  
- Boone County Residents - ........................................... $850.00  
- Out-of-County Residents - ........................................... $1,090.00  
- Out-of-State Residents - ............................................. $1,800.00  

- Science Lab Fee - ......................................................... $25.00  
- Books - ........................................................................... $725.25  

#### Summer Semester

Tuition (4 hours)  
- Boone County Residents - ........................................... $340.00  
- Out-of-County Residents - ........................................... $436.00  
- Out-of-State Residents - ............................................. $720.00  

- Science Lab Fee - ......................................................... $25.00  
- Books - ........................................................................... $427.25  

#### Fall Semester

Tuition (12 hours)  
- Boone County Residents - ........................................... $1,020.00  
- Out-of-County Residents - ........................................... $1,308.00  
- Out-of-State Residents - ............................................. $2,160.00  

- Health Professions Program Fee - ................................ $220.00  
  ($20 per Program/Allied Health Course Credit Hour)  
- Books - ........................................................................... $504.25  
- Immunizations - ......................................................... $250.00  
- CPR Certification - ....................................................... $60.00  
- Uniforms (2), Name Tags, Patches, Shoes - .................... $200.00  
- 10 Panel UA Drug Screen - .......................................... $30-100.00  
- Rad Tech Club Dues - ................................................... $5.00  
- Lead Markers - ............................................................ $40.00  

#### Spring Semester

Tuition (14 hours)  
- Boone County Residents - ........................................... $1,190.00  
- Out-of-County Residents - ........................................... $1,526.00  
- Out-of-State Residents - ............................................. $2,520.00  

- Health Professions Program Fee - ................................ $220.00  
  ($20 per Program/Allied Health Course Credit Hour)  
- Books - ........................................................................... $520.72  
- Developmental Testing Program (monthly exams) - ........ $50.00
### Summer I Semester

**Tuition (2 hours)**
- Boone County Residents: $170.00
- Out-of-County Residents: $218.00
- Out-of-State Residents: $360.00
- Health Professions Program Fee: $40.00
  ($20 per Program/Allied Health Course Credit Hour)

### Summer II

**Tuition (2 hours)**
- Boone County Residents: $170.00
- Out-of-County Residents: $218.00
- Out-of-State Residents: $360.00
- Health Professions Program Fee: $40.00
  ($20 per Program/Allied Health Course Credit Hour)

### Fall Semester

**Tuition (15 hours)**
- Boone County Residents: $1,275.00
- Out-of-County Residents: $1,635.00
- Out-of-State Residents: $2,700.00
- Health Professions Program Fee: $240.00
  ($20 per Program/Allied Health Course Credit Hour)
- Books: $169.00
- Uniform (1), Name Tags, Patches, Shoes: $100.00
- Program Class Photo: $25.00
- Rad Tech Club Dues: $5.00

### Spring Semester

**Tuition (13 hours)**
- Boone County Residents: $1,105.00
- Out-of-County Residents: $1,417.00
- Out-of-State Residents: $2,340.00
- Health Professions Program Fee: $200.00
  ($20 per Program/Allied Health Course Credit Hour)
- Books: $338.20
- ARRT Registry Exam Application: $200.00
- Program Pin: $30.00

### Totals

<table>
<thead>
<tr>
<th></th>
<th>Boone County Residents</th>
<th>Out-of-County Residents</th>
<th>Out-of-State Residents</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$10,529.67</td>
<td>$12,257.67</td>
<td>$17,369.67</td>
</tr>
</tbody>
</table>
Students are required to have clinical practice at assigned hospitals that require travel to and from in their personal vehicles.

Although we have made every effort to include all expenses we may have missed some. Hopefully any missed will be incidental. The purpose of this is to help you budget your money for school expenses for the year; but whether or not it is included on this sheet, it is your responsibility to pay for the required supplies or services at the time they are due.

**Prices subject to change without notice.**

**Prices are listed as per the “Suggest Program of Study”**

*Total cost will be reduced if pre-requisites are taken at another accredited institution.*
CAREER PATHWAYS INITIATIVE
COULD OPEN THE DOOR TO YOUR FUTURE!

TO QUALIFY:
* YOU must be a parent, with children under age 21 living in your home
  AND
* YOU are or have in the past received TEA benefits OR
* YOU currently receive food stamps (SNAPS), AR Kids or Medicaid OR
* YOUR annual income is at or below 250% of the federal poverty level

Career Pathways participants will have access to:
* Advising to assist with career and educational decisions
* Assistance finding jobs while in school and careers upon graduation
* Extra instruction for successful academic and employment skills
* Tutoring
* Computer lab for doing homework and improving computer skills

Some parents may qualify for financial aid to assist with childcare, transportation, tuition, books, and other direct educational expenses.

CONTACT:
Northark CPI
Center Campus 303 N. Main, Second Floor
870-391-3153
• Would you like to make a career change?
• Have you been laid-off or lost your job?
• Do you think you are too old to go back to school?
• Need help with admission or financial aid applications?
• Or are you just looking for some educational direction?

If you answered YES to any of these questions, let EOC help you with:

• Assistance in completing applications for college admissions and financial aid
• Information on scholarship opportunities
• Information on educational opportunities beyond high school or GED
• Information on college admission requirements and processes
• Coordination with nearby colleges, universities, and technical schools

The Educational Opportunity Center is designed to assist adults 19 or older to enter college or obtain technical training. The Center offers a variety of educational counseling services.

ALL SERVICES ARE FREE! CALL TODAY!

1(800) 257-8690

New Location:
Center Campus C207
(Old Regions Bank Plaza)

Across from Hotel Seville on Main Street