Radiologic technology is the science of using radiation or radioactive substances in a controlled manner for the diagnosis of illness or injury and the treatment of disease. The Radiologic Technology program at the University of Southern Indiana prepares individuals to function effectively as entry-level radiographers. Radiographers are radiologic technologists who, under the direction of a physician, perform radiologic (x-ray) examinations of all parts of the human body.

The Radiologic Technology (RT) Program provides a curriculum which includes didactic courses in conjunction with laboratory and clinical experiences. The curriculum consists of 1½ years of pre-requisite general education courses and 2½ years of professional education course work. Completion of these 4 years results in a baccalaureate degree in Radiologic and Imaging Sciences. Students meeting all American Registry of Radiologic Technologists (ARRT) requirements will be eligible to take the national certification examination. The Bachelor of Science degree in Radiologic Technology program is accredited by the Joint Review Committee on Education in Radiologic Technology.

ADMISSION TO THE RADIOLOGIC TECHNOLOGY PROGRAM

Prospective students must be accepted for admission to USI before being considered for admission to the Radiologic Technology Program. Applicants must have graduated from high school and have completed all RT program prerequisite courses with a minimum grade point average of 3.0 (4.0 scale). Official university transcripts must be submitted to the RT program as part of the admission procedure. RT program application, accompanying required documents and transcripts must be received by September 15 of the year the student desires admission to the program. The admission process follows the university’s Student’s Rights and Responsibilities on discrimination: “Each student has the right to be free from discrimination, including harassment, on the basis of race, sex, religion, disability, age, national origin, sexual orientation, or status as a disabled veteran of the Vietnam era. Applicants meeting academic requirements must be in good health, meet all ARRT certification and ethics requirements and be capable of fulfilling the essential functions of a radiologic technologist.

The RT student selection process involves a review of all required documents and an interview by the RT admission committee. This committee consists of the program faculty and clinical instructors from each clinical site. Applicants are informed when to schedule the interview via email from the RT program director or his designee. All interviews are conducted privately and by appointment only. The committee’s decision is conveyed by letter within approximately two weeks after all interviews are completed.

It is strongly recommended that applicants observe a minimum of 20 hours in a radiology department to gain understanding of basic radiologic procedures prior to September 15. Credit toward admission into the Radiologic Technology program will be given to applicants with previous health care experience.

Individuals whose applications are incomplete or unsatisfactory will be notified. In order to be interviewed, all inadequacies must be corrected.

The RT program is limited in the number of students that may be accepted each year. USI, in collaboration with clinical affiliates, reserves the right to determine the number of students enrolled in each beginning class. Total admission can not exceed the maximum number established by the Joint Review Committee on Education in Radiologic Technology.

Prior to beginning the RT courses, admitted students must submit a medical history and results of a physical examination, drug screen, criminal check, immunization records, documentation of current tuberculosis test status, documentation of completion of Hepatitis B vaccination (3 part series), and documentation of CPR certification at the health profession level.

Students admitted to the RT program must complete all professional course work (RADT) with the grade of C or better to progress in the RT program.
PROGRAM FEES FOR RADIOLOGIC TECHNOLOGY

The expenses of the program include tuition and fees, books and uniforms. For information on current charges for tuition and fees, contact the USI Office of Admissions at 812/464-1765. Books required during the program will cost approximately $1200-$1500 and uniforms approximately $250-$500. These expenses can vary and are subject to change. The program uses an online clinical management system that students purchase during their first Spring semester. The cost for the management system is $150. Students also incur fees to complete required CPR, drug screen, background check, and necessary immunizations. Students purchase an online document system at the cost of $130 after notification of admission into the program. All health and medical related files are kept in this online system. If housing is required, information on cost and availability can also be obtained through the Office of Admissions. Financial aid information can be obtained through the Office of Student Financial Assistance at 812/464-1767. Students also need reliable transportation to travel to clinical education, which may be up to 70 miles away. Fuel expenses for travel to clinical education will also be incurred. Please see the student handbook for additional fee information.

CHECKLIST FOR APPLICATION PROCESS

- Apply to the University of Southern Indiana (complete admissions process)
- Declare Radiologic Technology as your major with Registrar’s office
- Enroll in and complete prerequisite courses for RADT program
- File an application with Radiologic and Imaging Sciences program
- Submit copies of any completed degrees or diplomas with application
- Provide 2 copies of a narrative addressing the questions below. One copy is signed and dated. The student ID number should replace the student name on the second copy and be void of any other identifiers.
  - Why do you believe you are a good candidate for this program?
  - What are your career goals?
  - Do you have any healthcare experience? If so, explain in what capacity, length of time, and what you gained from the experience.
  - What have you learned through your volunteer experiences within a radiology department?
- Request transcripts from all colleges (not USI transcripts) to be sent to address below

Submit all materials no later that September 15 of the year you wish to be considered for admission to Radiologic Technology program to:

Radiologic Technology
College of Nursing and Health Professions
University of Southern Indiana, 8600 University Boulevard, Evansville IN 47712

For more information, contact:
USI Radiologic and Imaging Sciences Program
812/465-1181
**2018—Bachelors Degree Radiologic and Imaging Sciences —Radiologic Technology**

### First Year

**Fall**
- ENG 101 Rhetoric & Composition I 3
- CMST 101 Introduction to Speech or CMST 107 Interpersonal Communication 3
- MATH 114/215/230 College Algebra 3
- BIOL 121 Anatomy & Physiology I 4
- UNIV 101 Freshman Seminar 1
- HP 115 Medical Terminology 2

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

**Spring**
- ENG 201 Rhetoric & Composition II 3
- BIOL 122 Anatomy & Physiology II 4
- PHYS (PHYS 101 or higher) 3
- RADT 196 Orientation to Radiographic & Imaging Sciences 2
- Social Sciences 3

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Spring</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

### Second Year

**Fall**
- Creative & Aesthetic Expression or History Inquiry or World Language & Culture 3
- HP 356 Ethics & Healthcare in a Pluralistic Society 3
- Social Inquiry 3
- World Language & Culture 3

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall</strong></td>
<td><strong>12</strong></td>
</tr>
</tbody>
</table>

**Spring**
- DMS 301 Patient Care for Imaging Science Professionals 2
- RADT 308 Radiographic Procedures I 3
- RADT 311 Introduction to Radiographic Technology 3
- EEG-GLOBAL 3
- KIN 192 1

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Spring</strong></td>
<td><strong>12</strong></td>
</tr>
</tbody>
</table>

### Third Year

**Fall**
- RADT 316 Radiographic Procedures III 3
- RADT 334 Radiographic Physics 3
- RADT 343 Clinical Practicum II 2
- RADT 411 CT/MRI Physics & Instrumentation 3
- RADT 412 Advanced Radiographic Exposure & Mobile Radiography 3

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall</strong></td>
<td><strong>14</strong></td>
</tr>
</tbody>
</table>

**Spring**
- RADT 318 Radiographic Procedures IV 3
- RADT 335 Radiation Biology 2
- RADT 337 Intro. to Invasive Imaging Procedures 3
- RADT 353 Clinical Practicum III 2
- RADT 413 CT/MRI Procedures I 3

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Spring</strong></td>
<td><strong>13</strong></td>
</tr>
</tbody>
</table>

### Fourth Year

**Fall**
- RADT 345 Radiography Pathology 3
- RADT 425 Radiographic Critique 3
- RADT 445 Clinical Practicum V 3

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall</strong></td>
<td><strong>12</strong></td>
</tr>
</tbody>
</table>

**Spring**
- RADT 355 Adv. Patient Care for Imaging Sciences 3
- RADT 427 Digital Rad. & Imaging Informatics 3
- RADT 455 Clinical Practicum VI 3
- RADT 491 Prof. Dev. & Literacy in Imaging Sciences 3

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Spring</strong></td>
<td><strong>12</strong></td>
</tr>
</tbody>
</table>

### Summer I, II, III (15 weeks)

- RADT 415 CT/MRI Procedures II 3
- RADT 435 Clinical Practicum IV 3

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Summer I, II, III</strong></td>
<td><strong>6</strong></td>
</tr>
</tbody>
</table>

Other Information:
- **Classes in Italics (yellow box) must be completed prior to applying for RADT program. In addition, classes in Fall of Second Year must be completed or in progress to apply to the program. The admission GPA grade will be made from the course grades identified in Fall and Spring of first year.**
- **ALL DMS, RADT COURSES and ENG 101, 201, BIOL 121, BIOL 122, MATH 111, & HP 115 must be completed with a grade of “C” or better for graduation.**
- **The Radiology Program follows the University’s academic calendar for term start and end dates and utilizes the University’s recognized holidays and breaks. The University Calendar is located on the Registrar’s web-page: http://www.usi.edu/reg/index.asp**

Students admitted to the program are assigned a home clinical site, but rotate through other clinical facilities. Students may be assigned or rotate through a clinical facility that will require travel up to seventy miles away from the University. Clinical hours are routinely scheduled during day shift hours (5 a.m.—7 p.m. CST). Students may elect rotations in their last semester of clinical for shifts on non-day hours (evenings and nights). For detailed information on clinical assignment or hours, please see the student handbook located on the Program's web-site.
ADMISSION TO THE RADIOLOGIC TECHNOLOGY PROGRAM

Prospective students must be accepted for admission to USI before being considered for admission to the Radiologic Technology Program. The RT program is limited in the number of students that may be accepted each year. USI, in collaboration with the clinical affiliates, reserves the right to determine the number of students enrolled in each beginning class. Total admission cannot exceed the maximum number established by the Joint Review Committee on Education in Radiologic Technology.

1. Applicants must have graduated from high school and have completed RT program prerequisite courses with a minimum grade point average of 3.0 (4.0 scale). The 3.0 GPA is not the cumulative GPA. This GPA is calculated based on the grades received from only the courses identified to be completed in the Fall and Spring semester of the First year. The prerequisite courses identified in the Fall of second year must be completed or in progress in order to be eligible to apply. Please see the curriculum plan for prerequisite courses.

2. Official university transcripts from all institutions (other than USI) must be submitted to the RT program as part of the admission procedure.

3. RT program application and accompanying required documents and transcripts must be received by September 15 of the year the student desires admission to the program.

4. The admission process follows the university’s Student’s Rights and Responsibilities on discrimination: “Each student has the right to be free from discrimination, including harassment, on the basis of race, sex, religion, disability, age, national origin, sexual orientation, or status as a disabled veteran of the Vietnam era.” Applicants meeting academic requirements must be in good health, meet all ARRT certification and ethics requirements and be capable of fulfilling the essential functions of a radiologic technologist. Please see RT Program Guide for essential functions.

5. The RT student selection process involves a review of all required documents and an interview by the RT admission committee. This committee consists of the program faculty and clinical instructors from each clinical site. Applicants are informed when to schedule the interview via letter, e-mail or phone call from the RT program director. All interviews are conducted privately and by appointment only. The committee’s decision is conveyed by letter approximately two weeks after all interviews are completed.

6. The RT application must be accompanied by a narrative that addresses these questions: Why do you believe you are a good candidate for this program? What are your career goals? Do you have any healthcare experience? If so, explain in what capacity, length of time, and what you gained from the experience; What have you learned through your volunteer experiences within a radiology department? Students must submit 2 copies of the narrative. One copy should include the student’s name and signature. The students identification number should replace the student name on the second copy. The second copy should be void of any identification (student name or signature) on or in the narrative. The narrative should be no longer than 2 pages, double spaced. The narrative will be read and scored by the admissions committee.

7. It is strongly recommended that applicants observe a minimum of 20 hours in a radiology department to gain understanding of basic radiologic procedures prior to September 15. This is different than the clinical site tours. Observation in a radiology department can be completed at one of USI’s clinical affiliates (listed on clinical site tour form) or at a facility of the student’s choice. Documentation of the observation must be submitted at the time of application. Documentation must be validated by the facility where the observation was made. Extra credit towards admissions is given to those students completing a minimum of 20 hours. It is highly recommended that students do not wait until the program deadline to complete observations. Clinical affiliates reserve the right to deny observation at their facility when time or space is limited. Please note completing observations may require the student to have a TB screening, HIPAA class, or facility orientation prior to starting any observations. The student will assume all responsibility for any illness or injury acquired during observation.

8. It is suggested students tour all clinical affiliate sites. The clinical site visit is a tour of the clinical affiliate’s radiology department. Students must contact the listed individual on the Clinical Site Tour Form to set up an appointment. Clinical affiliates reserve the right to deny tours based on their schedules. No additional credit towards admissions will be given to students who have completed visitations to all clinical affiliate sites.

9. Credit toward admission into the Radiologic Technology program will be given to applicants with previous healthcare experience. Students who have had either direct or indirect patient care in a healthcare facility may be eligible for extra credit towards admissions. Direct patient care involves having contact with patients or holding a healthcare license. Indirect patient care is working in the healthcare field, but not having contact with patients or having participated in a health occupations class (HOSA). No more than one point per category can be earned.

10. Individuals whose applications are incomplete or unsatisfactory will be notified. In order to be interviewed, all inadequacies must be corrected immediately.
UNIVERSITY OF SOUTHERN INDIANA
COLLEGE OF NURSING AND HEALTH
PROFESSIONS MISSION

The USI College of Nursing and Health Professions promotes excellence in its academic programs, faculty, students, and graduates and demonstrates leadership in health care education, research, practice, and community service.

UNIVERSITY OF SOUTHERN INDIANA
RADIOLOGIC TECHNOLOGY

The University of Southern Indiana Radiologic Technology Program seeks to graduate students with the knowledge and skills essential for an entry level radiographer. Students will be prepared to care for patients in a variety of health care settings. They will be skilled in problem solving and critical thinking, they will be equipped with effective communication tools, and they will practice professional growth and development.

UNIVERSITY OF SOUTHERN INDIANA        RADIOLOGIC TECHNOLOGY
PROGRAM GOALS

Goal # 1: Student will demonstrate problem solving and critical thinking skills.
  Outcome 1: Student will demonstrate ability to assess and adapt to varying clinical presentations of patients.
  Outcome 2: Student will evaluate images for appropriate positioning and image quality.

Goal # 2: Student will display effective interpersonal communication skills
  Outcome 1: Student will demonstrate communication skills with a diverse patient population.
  Outcome 2: Student will demonstrate effective interdisciplinary communication skills.

Goal # 3: Student will demonstrate clinical competency.
  Outcome 1: Student will produce quality radiographs by proper positioning and providing appropriate patient care.
  Outcome 2: Student will demonstrate professional standard practices in radiation safety.

Goal # 4: Student will demonstrate professionalism through growth and development activities.
  Outcome 1: Student will demonstrate clinical professionalism.
  Outcome 2: Student will plan a career path for professional goals.

Goal # 5: Student will be prepared as an entry level radiologic technologist.
  Outcome 1: Program graduates will pass the ARRT examination on the first attempt.
  Outcome 2: Student will complete the program in 28 months.
  Outcome 3: Program graduate will be employed within twelve months if seeking entry level employment.
  Outcome 4: Graduate will be satisfied with education.
  Outcome 5: Employers will be satisfied with graduate's performance.