WABASH VALLEY REGION
Medical Imaging Program:

RADIOLOGIC TECHNOLOGY
CONCENTRATION

Information and Application Packet
Fall 2019 Program
Dear Interested Candidate:

Thank you for your interest in the Medical Imaging Program: Radiology Technology Concentration at Ivy Tech Community College Wabash Valley Region. Enclosed you will find the application steps, information about the program, the current suggested curriculum sequence, the application form, and frequently asked questions. Please note that we have made some changes to our selection process.

Radiology is truly an exciting field in healthcare; it is growing and changing every year. We want to help you with your goals to become a part of this healthcare team. Please carefully read through all the information supplied in this packet. This application packet is the most current and replaces any other previously printed application packet. If you have any questions, please contact your Medical Imaging Program Faculty Advisor.

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Ivy Tech Community College Medical Imaging Radiology Program – Wabash Valley Region 2017
5 year average national exam pass rate (2013-2017): 105/116 = 91%
5 year average job placement rate: (2013-2017) 79/85 = 93%
Program’s annual completion rate (2017) 21/25 = 84%
Program’s annual national exam pass rate (2017) 18/20 = 90% on first attempt

Program effectiveness can also be found at www.jrcert.org

Joint Review Committee on Education in Radiologic Technology  
20 N. Wacker Dr. Suite 2850  
Chicago, IL. 60606-3182
Medical Imaging
Radiologic Technology

DEGREE AVAILABLE:
Associate of Applied Science

SALARY RANGE:
The mean salary for Indiana is $52,515 according to the 2016 salary survey by the American Society of Radiologic Technologists (ASRT)

ACCREDITATION:
Ivy Tech Community College is accredited by the North Central Association of Colleges, equal opportunity, affirmative action institution of higher education.

The Medical Imaging/Radiologic Technology program is accredited by the Joint Review Committee on Education in Radiologic Technology
20 N Wacker Dr, Suite 2850
Chicago, IL 60606-3182
(312) 704-5300
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ADDRESS:
8000 South Education Drive
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PHONE:
800-377-4882
(812)298-2239

www.ivytech.edu/terrehaute

The radiologic technologist is someone who specializes in using x-rays to create images of the body, and is known as a radiographer. The radiographs that are produced by the radiographer enable the doctor to diagnose the patient for disease, fractures, or any irregularities. Therefore, radiographer must be a professional who is skilled in the art and science of radiography and is able to apply scientific knowledge, problem-solving techniques, and the use of high tech equipment, while providing quality patient care. Technologists are in employed in hospitals, clinics, physicians, and dentists’ offices, federal and state agencies, industry, and certain education institutions.

This program includes a curriculum that includes patient care, radiographic technique, positioning, radiation exposure, radiation protection, physics, pathology, and ethics (complete list is in this packet). Clinical practice and supplemental instruction are provided at the accredited sites. Upon successful completion of this program, graduates are eligible to take the American Registry Examination given by the American Registry of Radiologic Technologists (ARRT).

This Radiologic Technology Program is a selective program with limited enrollment due to accreditation standards set by the Joint Review Committee on Education in Radiologic Technology (JRCERT). Once accepted, it is a full-time program with the students rotating to the clinical sites and to the didactic instruction at Ivy Tech Community College.

For some health programs, you may not be eligible to be licensed or certified if you have been convicted of a felony. Please check with the Program Chair if you have questions concerning this before enrolling in the program or you may contact the American Registry of Radiologic Technologists (ARRT) http://@ www.arrt.org .
MISSION AND GOALS

RADIOLOGICAL TECHNOLOGY PROGRAM MISSION STATEMENT

The mission of the Radiologic Technology Concentration at Ivy Tech Community College in Terre Haute is to provide graduates with an entry-level knowledge necessary for them to deliver quality patient care and to produce diagnostic images for all patients while producing the lowest amount of radiation allowable. This entry level training allows graduates to continue their education in specialty areas or pursue a higher degree, if they choose to do so.

PROGRAM GOALS

1. Students will have the necessary skills to function as competent entry-level radiographers.
2. Students will model the importance of professionalism and life-long learning.
3. Students will develop problem solving and critical thinking skills.
4. Students will have effective communication skills.

PROGRAM OUTCOMES

1. Students will apply positioning and technical skills.
2. Students will demonstrate patient care skills.
3. Students will demonstrate radiation safety.
4. Students will demonstrate professionalism.
5. Students will learn the value of life-long learning.
6. Students will adapt standard procedures for non-routine procedures.
7. Students will critique and analyze images for diagnostic quality.
8. Students will demonstrate oral communication skills with patients and healthcare workers.
9. Students will demonstrate written communication skills with patients and healthcare workers.
**PHYSICAL DEMANDS AND REQUIREMENTS**

- **Standing** - Standing is required 95-100% of the time throughout the assigned clinical hours. Essentially, the position cannot be performed without the ability to stand for long periods of time.

- **Walking** - Walking is required 90-100% of the time during the course of the assigned clinical hours.

- **Climbing** - Climbing is not required except for stairs.

- **Pushing** - Pushing is required for moving the patients to and from the x-ray table.

- **Pulling** - Pulling is required for both short and long durations when moving patients onto tables and when transporting to and from units. X-ray apparatus including tubes and monitors may require significant physical exertion.

- **Lifting** – Up to 50 lbs. Most significant: must be able to assist patient to and from x-ray table.

- **Carrying** - Students consistently carry film cassettes/magazines and other supplies. See lifting.

- **Exposure to Disease** - On a daily basis, involves caring for the patients with known and potential infections.

- **Handling Repulsive Tasks** - Involves handling and disposing of body secretions, blood, stool, etc. The general cleaning and maintenance of an incontinent patient is not uncommon.

- **Working in Confined Places** - Confined places included the processing darkroom, which is frequently used each day. Each time being 1-5 minutes in duration. Must be able to work around constantly running water.

- **Exposure to Potentially Harmful Radiation** - Daily contact with radiation producing devices.

- **Visual** –20/100 vision, correctable (with glasses or contacts) to 20/30 in one eye or 20/100 vision correctable (with glasses or contacts) to 20/40 in both eyes.

- **Auditory and Speech** – Student must be able to respond to auditory codes, phones, equipment noise, and/or verbal expressions from patients and physicians for proper patient care. The student must be able to verbally communicate medical information to the patient, staff, physicians, and general public.

* If you do not meet these requirements, check with the disability representative at your campus for assistance.
### Physical Demands and Requirements

**Gross Motor Skills**
- • Move within confined spaces
  - • Sit and maintain balance
  - • Stand and maintain balance
  - • Reach above shoulders (e.g., put away supplies)
  - • Reach below waist (e.g., plug electrical appliance into wall outlets)

**Fine Motor Skills**
- • Pick up objects with hands
  - • Grasp small objects with hands (e.g., syringe, pencil)
  - • Write with pen or pencil
  - • Key/take (e.g., use a computer)
  - • Pinch/pick or otherwise work with fingers (e.g., manipulate a syringe)
  - • Twist (e.g., turn objects/knobs using hands)
  - • Squeeze with hand (e.g., blood pressure cuff)

**Physical Endurance**
- • Stand (e.g., at client side during minor or therapeutic procedure)
  - • Sustain repetitive movements (e.g., CPR)
  - • Maintain physical tolerance (e.g., work entire shift)

**Physical Strength**
- • Push and pull 50 pounds (e.g., position clients)
  - • Support 50 pounds (e.g., ambulate client)
  - • Lift 50-100 pounds (e.g., pick up a child, transfer patient)
  - • Move light objects weighing up to 10 pounds
  - • Move heavy objects weighing from 25 to 100 pounds
  - • Defend self against combative client
  - • Use upper body strength (e.g., perform CPR, restrain a client)
  - • Squeeze with hands (e.g., operate fire extinguisher)

**Mobility**
- • Twist
  - • Bend
  - • Stoop/squat
  - • Move quickly (e.g., response to an emergency)
  - • Climb (e.g., ladders/stools/stairs)
  - • Walk

**Hearing**
- • Hear normal speaking level sounds (e.g., person-to-person interview)
  - • Hear faint voices
  - • Hear faint body sounds (e.g., blood pressure sounds)
  - • Hear in situations when not able to see lips (e.g., when masks are used)
  - • Hear auditory alarms (e.g., monitors, fire alarms)

**Visual**
- • See objects up to 20 inches away (e.g., information on a computer screen, skin conditions)
  - • See objects up to 20 feet away (e.g., patient in a room)
  - • See objects more than 20 feet away (e.g., client at end of hall)
  - • Use depth perception
  - • Use peripheral vision
  - • Distinguish color (e.g., color codes on supplies, charts, bed)
  - • Distinguish color intensity (e.g., flushed skin, skin paleness)
### Tactile
- Feel vibrations (e.g., palpate pulses)
- Detect temperature (e.g., skin, solutions)
- Feel differences in surface characteristics (e.g., skin turgor, rashes)
- Feel differences in sizes, shapes (e.g., palpate vein, identify body landmarks)
- Detect environmental temperature (e.g., check for drafts)

### Smell
- Detect odors from client (e.g., foul smelling drainage, alcohol breath, etc.)
- Detect smoke
- Detect gases or noxious smells

### Reading
- Read and understand written documents (e.g., policies, protocols)

<table>
<thead>
<tr>
<th>Function</th>
<th>Program-Specific Examples</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Arithmetic Competence</strong></td>
<td>• Read and understand columns of writing (flow sheet, charts)</td>
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<td></td>
<td>• Read digital displays</td>
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<td></td>
<td>• Read graphic printouts (e.g., EKG)</td>
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<td></td>
<td>• Calibrate equipment</td>
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<td></td>
<td>• Convert numbers to and/or from the Metric System</td>
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<td></td>
<td>• Read graphs (e.g., vital sign sheets)</td>
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<td></td>
<td>• Tell time</td>
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<td></td>
<td>• Measure time (e.g., count duration of contractions, etc.)</td>
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<td></td>
<td>• Count rates (e.g., pulse)</td>
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<tr>
<td></td>
<td>• Use measuring tools (e.g., thermometer)</td>
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<td></td>
<td>• Read measurement marks (e.g., measurement tapes, scales, etc.)</td>
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<tr>
<td></td>
<td>• Add, subtract, multiply, and/or divide whole numbers</td>
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<tr>
<td></td>
<td>• Compute fractions (e.g., medication dosages)</td>
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<td></td>
<td>• Use a calculator</td>
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<tr>
<td></td>
<td>• Write numbers in records</td>
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<tr>
<td><strong>Emotional Stability And Interpersonal Skills</strong></td>
<td>• Establish therapeutic boundaries</td>
</tr>
<tr>
<td></td>
<td>• Provide patient with emotional support</td>
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<td></td>
<td>• Adapt to changing environment/stress</td>
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<td></td>
<td>• Deal with the unexpected (e.g., client going bad, crisis)</td>
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<td></td>
<td>• Focus attention on task</td>
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<td></td>
<td>• Monitor own emotions</td>
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<td></td>
<td>• Perform multiple responsibilities concurrently</td>
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<td></td>
<td>• Handle strong emotions (e.g., grief)</td>
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<td></td>
<td>• Negotiate interpersonal conflict</td>
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<td></td>
<td>• Respect differences in clients</td>
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<td></td>
<td>• Establish rapport with clients</td>
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<td></td>
<td>• Establish rapport with co-workers</td>
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<tr>
<td><strong>Communication Skills</strong></td>
<td>• Teach (e.g., client/family about health care)</td>
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<td></td>
<td>• Explain procedures</td>
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<td></td>
<td>• Give oral reports (e.g., report on client's condition to others)</td>
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<td></td>
<td>• Interact with others (e.g., health care workers)</td>
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<td>• Speak on the telephone</td>
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<td></td>
<td>• Influence people</td>
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<td>• Direct activities of others</td>
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<td></td>
<td>• Convey information through writing (e.g., progress notes)</td>
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<tr>
<td><strong>Critical Thinking</strong></td>
<td>• Identify cause-effect relationships</td>
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<td></td>
<td>• Plan/control activities for others</td>
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<tr>
<td></td>
<td>• Synthesize knowledge and skills</td>
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<td>• Sequence information</td>
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<tr>
<td><strong>Analytical Thinking</strong></td>
<td>• Transfer knowledge from one situation to another</td>
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<tr>
<td></td>
<td>• Process information</td>
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<td></td>
<td>• Problem solve</td>
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<td></td>
<td>• Use long term memory</td>
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<td></td>
<td>• Evaluate outcomes</td>
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<td></td>
<td>• Prioritize tasks</td>
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<td></td>
<td>• Use short term memory</td>
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</tbody>
</table>
# Radiologic Technology Concentration

Prerequisites (shaded area) and Program Curriculum Semester Sequence

<table>
<thead>
<tr>
<th>GENERAL EDUCATION PREREQUISITES 1ST SEMESTER</th>
<th>CREDIT S</th>
<th>RADIOLOGY TECHNOLOGY CURRICULUM SUMMER SEMESTER</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>IVYT 112- Student Success Elective</td>
<td>1</td>
<td>RADT 201 – Radiographic Positioning III &amp; Lab</td>
<td>3</td>
</tr>
<tr>
<td>APHY 101 – Anatomy &amp; Physiology I *</td>
<td>3</td>
<td>RADT 202 – Radiographic Clinical Education III</td>
<td>4</td>
</tr>
<tr>
<td>MATH 136 – College Algebra*</td>
<td>3</td>
<td>PSYC 101- General Psychology or SOCI 111 – Principles of Sociology</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 111 – English Composition *</td>
<td>3</td>
<td>Total</td>
<td>10</td>
</tr>
<tr>
<td>HLHS 101 – Medical Terminology *</td>
<td>3</td>
<td>TOTAL RADIATION TECHNOLOGY CURRICULUM FALL SEMESTER 2</td>
<td></td>
</tr>
</tbody>
</table>

* Required for application to the program

<table>
<thead>
<tr>
<th>RADIATION TECHNOLOGY CURRICULUM FALL SEMESTER 1</th>
<th>CREDITS</th>
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</thead>
<tbody>
<tr>
<td>RADT 111 – Orientation and Patient Care</td>
<td>5</td>
</tr>
<tr>
<td>RADT 113 – Radiographic Positioning I &amp; Lab</td>
<td>3</td>
</tr>
<tr>
<td>RADT 114 – Radiographic Clinical Education I</td>
<td>3</td>
</tr>
<tr>
<td>RADT 117 – Radiation Physics &amp; Equipment Operation</td>
<td>3</td>
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</tbody>
</table>

Total 12

<table>
<thead>
<tr>
<th>RADIATION TECHNOLOGY CURRICULUM SPRING SEMESTER 2</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>APHY 102 – Anatomy and Physiology II</td>
<td>3</td>
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</tbody>
</table>

Total 17

<table>
<thead>
<tr>
<th>RADIATION TECHNOLOGY CURRICULUM SPRING SEMESTER 1</th>
<th>CREDITS</th>
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</thead>
<tbody>
<tr>
<td>RADT 112 – Image Production &amp; Evaluation I</td>
<td>3</td>
</tr>
<tr>
<td>RADT 115 – Radiographic Positioning II &amp; Lab</td>
<td>3</td>
</tr>
<tr>
<td>RADT 116 – Radiographic Clinical Education II</td>
<td>3</td>
</tr>
<tr>
<td>RADT 206 – Radiobiology and Radiation Protection</td>
<td>3</td>
</tr>
<tr>
<td>COMM 101 – Speech or COMM 102 – Interpersonal Communications</td>
<td>3</td>
</tr>
</tbody>
</table>

Total 7

Total Credits 74
Program Costs

Tuition is presently $140.61 per credit hour. The Medical Imaging Program Radiologic Technology Concentration is 74 credits total so tuition would approximately be $10,405.14. Please see www.ivytech.edu/tuition for the most current tuition information.

Books costs vary by course. The average cost for radiology books is about $1000.00 for the 5 semesters.

Technology Fee is $60.00 per semester

On-Line or Hybrid courses fee: $20.00 per credit hour for each online/hybrid course

Consumable fees $393.00; this includes supplies for certain courses like radiation monitoring devices and lab supplies.

Travel- Students are required to attend 2-5 days per week and maybe require traveling great distances. This means there will be travel expenses for gas and wear-and-tear on vehicles.

Uniforms would include two sets of scrubs, lab coats, and shoes (scrubs and lab coats must have the Ivy Tech logo and must be purchased at the Follett 7th Edition bookstore). Cost will vary.

Criminal Background Check and Drug Screening Initial check = $111.00; Annual re-check = $76.00.

Physical, Immunizations, and Healthcare Provider CPR Cost will vary.

ALL ITEMS AND COST ARE ESTIMATES AND ARE SUBJECT TO CHANGE.

Classroom and Clinical Hours

The Medical Imaging courses are offered during the daytime only. The program offers many courses as “hybrid”. For example, this means that for a 3 credit hour course, the student will be in class 1.5 hours and the rest is administered on-line through IvyLearn. All Imaging Science students must have access to the internet to complete the course work. A typical week might be classes on Tuesdays from about 8:30 - 3:00 and a lab at the campus on Wednesdays, and clinical time on Thursdays and Fridays from 7:30-4:30 (times vary from site to site). This will also vary from semester to semester.

Medical Imaging students are required to rotate through various clinical sites. Because different facilities may offer different opportunities, students should be prepared to attend and travel to any of the clinical sites. Although the hours may vary from site to site, and from semester to semester, students attend clinical a minimum of two days a week. According to policy, students will NOT be scheduled for more than a total of forty (40) hours per week, or ten work hours in one day. The JRCERT recognizes traditional assignment as any scheduled clinical hours between 5:00 AM and 7:00 PM weekdays.

Clinical Rotations

Students will be required to rotate to different hospitals and clinics for the clinical portion of their education and will be required to attend 2-5 days per week depending on the semester. Students will be assigned locations before each semester begins. Proximity to a clinical site does not guarantee rotation to that site. The currently approved clinical sites include the following:

IU Health Bedford Hospital
IU Health Bloomington Hospital
IU Health Paoli Hospital
Internal Medicine Associated (IMA)
Monroe Hospital
IU Morgan Health
Franciscan Health Crawfordsville
St. Vincent Clay Hospital
St. Vincent Dunn Hospital
Sullivan County Community Hospital
Terre Haute Regional Hospital
Union Hospital
Union Associated Physicians (UAP) Clinic
UAP Bone and Joint Center
Union Hospital Clinton

Students may be assigned to any of our clinical sites, so students need to be aware that driving a great distance to clinical might be necessary
If You Are Planning To Apply To the Medical Imaging Program, Radiologic Technology Concentration, PLEASE Read This Information Carefully

The Medical Imaging Radiologic Technology Program has a limited enrollment based on the standards set by the Joint Review Committee on Education in Radiologic Technology (JRCERT). Applications to the program and/or completion of prerequisite courses do not guarantee admission into the technical portion of the program.

PRE- RADIOLOGY STEPS:
Since the Medical Imaging Radiology Technology Program is a selective program, it is important that you closely follow the application steps and the requirements that follow:

1. The following steps are required for new Ivy Tech Community College students
   • Complete the application process for Ivy Tech Community College in the Admissions Office at any campus or on-line at https://www.ivytech.edu/apply-now/
   • Provide any previous official college transcript(s) to Registrar’s office Ivy Tech Terre Haute. Transfers are determined by the registrar’s office. This should be done in the first semester.
   • Submit ACT, PSAT or SAT scores if applicable.
   • Make an appointment with your campus Academic Advising Center to help you with this process and to help you interpret your Knowledge assessment.
   • Complete the Knowledge Assessment, if applicable. This is done on a walk-in basis. Students can contact the testing center.
   • If necessary, complete any of the Academic Skills courses required from the results of your Knowledge Assessment
   • Meet with an Academic Advisor. They will create an IAP (Individual Academic Plan) and Course registration. This advisor will be the student’s main advisor for the first 15 credits of the 100 levels courses
   • Attend a New Student Orientation
   • Complete IVYT 112 during your first semester at the College.

2. Once the student begins taking the General education courses (see the list in this packet), you will be assigned a Faculty Advisory in the Medical Imaging department.
   • The student should make an appointments during the first semester of prerequisites with a Medical Imaging advisor to be sure that the student is taking the appropriate course and in the correct sequence.
   • To make an appointment call 812-298-2242. 812-298-2236 or 812- 298- 2376 to make an appointment

3. Meet all of the physical requirements (see sheet in packet).

4. Complete the prerequisites by the due date April 1st.

5. Complete the HESI by April 1st.
Radiologic Technology Concentration

Application requirements:

1. Mail the “Application” (use the form in this packet) for the Medical Imaging Program to the Program Office (Terre Haute campus) with unofficial transcripts
   - Deadline: APRIL 1st

2. If the student has previous college courses from other colleges/universities make sure they have been officially approved as transfers by the registrar’s office at Ivy Tech Community College. (Accepted transfers from other Indiana colleges and universities can be viewed at www.transferin.net) These transcripts do NOT need to be sent to the program if they have already been processed for transfer by the college. The program faculty does not make decisions and course transfers from other colleges to Ivy Tech Community College. That is the role of the registrar.

3. Successfully complete the following four (4) prerequisite courses by the end of the Spring semester will be awarded points for the final grade received:
   - APHY 101 – Anatomy and Physiology I
   - ENGL 111 – English Composition
   - HLHS 101 – Medical Terminology
   - MATH 136 – College Algebra

   If course has been repeated, the program will take the highest score of the first two attempts. The policy states "When the student has taken a prerequisite course more than once, points will be determined using the highest grade for the initial (first) two course attempts appearing on both Ivy Tech and other college transcripts. Grades for courses over 5 years old may be excluded from consideration with the applicant’s written request to be included with the application. Excluding those grades from the admission point system does not affect calculation of the student’s grade point average (GPA).” This includes any “W”, withdrawals.

4. Take the Pre-admission HESI and Critical Thinking test and submit results by the application date, APRIL 1ST
   - The Pre-admission HESI and Critical Thinking test can be taken at any Ivy Tech Community College Assessment centers. Many have walk-in times for the test but check times and availability for the Pre-admission HESI and Critical Thinking test at the test center at local campus.
   - The Pre-admission HESI and Critical Thinking test maybe taken up to 2 (two) times in a two year period regardless of the testing location. Only the first two scores will be considered.
   - There must be 30 days between the test dates. • The student must pay the approved testing fee each time.
   - Exam scores will be valid for 2 (two) years from the date of the initial Pre-admission HESI and Critical Thinking test.
   - The score from the Pre-admission HESI and Critical Thinking test will be used to determine points. It is recommended the student take the Pre-admission HESI and Critical Thinking test more than 30 days before the application due date so there is time to repeat it to attempt a higher score.

5. Mail the application, the Pre-admission HESI and Critical Thinking test results, and transcripts to the Medical Imaging Program Chair. Incomplete submissions will not be considered for acceptance.
Getting Accepted

The following is an explanation about the process of accepting students into the Ivy Tech Community College Medical Imaging Program.

Acceptance into the Program: Acceptance is based on points. To see how points are awarded, an example of the Evaluation Grid is located at the end of this packet. Points are given for Anatomy and Physiology (APHY 101), College Algebra (MATH 136), English Composition (ENGL 111), and Medical Terminology (HLHS 101). The maximum points for this section are 21. The Pre-admission HESI and Critical Thinking test is given points based on the total score.

Program Requirements before Starting the First Fall Term
Once admitted into the program, the student will be notified by US mail and/or E-Mail. Accepted Medical Imaging students will be required to do the following:
- Attend an orientation meeting, usually held in June.
- Complete a Criminal Background Check and Drug Test through Castle Branch. Detailed information will be sent to the students that have been selected into the program.
- Submit proof of inoculations, including a recent TB test, and physical from their physician.
- CPR certified before the Fall semester (start of program courses).

CRIMINAL BACKGROUND CHECKS AND DRUG TESTING INFORMATION
Ivy Tech policy states that students in Health Sciences and Nursing Programs that participate enrolled in clinical courses must perform a criminal background check and drug testing before starting the first semester of clinical as part of the admission process. This procedure is repeated at the start of their second year. Ivy Tech uses Castle Branch. Information on how to purchase search and drug test is sent to students with their acceptance letter.

The results must be satisfactory to the clinical sites to complete this portion of the coursework. Although personal information will be kept confidential, names and results of the background checks, whether, negative or positive, may be shared with any affiliating clinical site for the Imaging Sciences program in order to determine clinical eligibility. Some clinical sites may be required you to show your criminal background check results to them.

Policy States: Clinical sites have the right to refuse any student for clinical placement. Policy at clinical sites may vary in whether or not students with particular positive findings on the background check will be allowed to attend clinical. In the event there are positive findings on any portion of the criminal background check, a primary clinical site will be notified and requested to make a decision on whether or not the student will be allowed to complete a rotation at the site, in light of the specific positive findings on the criminal background check. If the clinical site will not allow the student to participate in clinical at that site, the program chair will contact up to two additional clinical sites offering the same type of clinical experience, if available, to attempt to place the student. If these attempts do not result in a clinical site placement for the student, the student will be notified that s/he may not enroll in clinical courses and any co-requisite courses. In most cases, this will mean that the student will not be able to progress in the program, and will therefore not be able to complete the courses required for graduation.

ETHICS ELIGIBILITY
Completion of a criminal background check and drug screening for a Health Sciences program does not ensure eligibility for licensure, credentialing, or future employment.
If you should have a criminal matter in your past after you have reached age 18, whether it is recent or not, you must contact the following credentialing body for eligibility that pertains to you:

American Registry of Radiologic Technologists at 651-687-0048

**Program Start and Graduation Dates**

New students begin each Fall semester and continue through the program for 21 months (5 semesters). This includes the summer semester. Graduation is usually the second week of May. Students starting in 2019 would begin August 26, 2019 and graduate around May 15, 2021 (graduation date has not yet been set for 2021).

**Grading Policy**

Our grading scale is:

- A – 100-94
- B – 93-88
- C – 87-84
- D – 83-80

**Policies**

Students that are accepted in the Medical Imaging Radiologic Technology Program are given a Student Handbook and Policies with all of our policies and other college information including refund policies, academic calendars, academic policies, clinical obligations, grading system, graduation requirements, and the criteria for transfer of credit. Policies are available to all interested parties by contacting the Program Chair. You can also view the most recent student policies and handbook at [https://www.ivytech.edu/medical-imaging/index.html](https://www.ivytech.edu/medical-imaging/index.html)

College policies are available on MyIvy Student tab, under Student Resources or go to [https://www.ivytech.edu/studentpolicies/index.html](https://www.ivytech.edu/studentpolicies/index.html)

Other general information about the College can be found at [www.ivytech.edu](http://www.ivytech.edu)

**Program Calendar and Holidays**

The program follows the same academic calendar as Ivy Tech Community College Wabash Valley Region. To view the most current academic calendar please go to [ivytech.edu/wabashvalley/calendar.html](http://ivytech.edu/wabashvalley/calendar.html)

The Medical Imaging program will follow the same semester breaks as the College. Students will also observe holidays recognized by the clinical affiliate that they are assigned to at the time of the observance.

**Transfer of Credits**

Ivy Tech courses automatically transfer from one campus/region to another.

Ivy Tech accepts courses from other colleges and universities with grades of C- or better from regionally accredited colleges regardless of the age of the course. There are some exceptions if the case of very specialized computer and technology classes, which are reviewed on a case-by-case basis. Transfer credits will be evaluated and transfer of credits will occur through college policy.

Any student who wishes to submit a transcript for consideration of previously earned credits must have the transferring institution send an official transcript to the Registrar. The Registrar will forward information on non-CTL courses to the appropriate department or school for review, the department or school will make
recommendations regarding credit transfer to the Regional Academic Officer or designee, and the Registrar will record transferred credit as earned hours on the student's official permanent record in a reasonable, timely manner.

Acceptance of transfer credits that are not equivalent to courses on the College’s course inventory are applied to program electives subject to approval by the Regional Academic Officer or designee.

The student may be asked to supply pertinent course descriptions or copies of the college catalog(s) if further documentation is needed to facilitate credit review. Transferred credit is included in earned hours, but does not affect the grade point average. Students wishing to transfer in technical courses that fulfill program requirements (non-elective courses) may be asked to demonstrate competency if the transfer coursework is outdated. Final authority for transfer credit rests with the Regional Academic Officer or designee.

**Transferring to a 4 Year Degree**
Ivy Tech Community College has articulation agreements with Indiana University Purdue University Indianapolis and the University of Southern Indiana’s Bachelors’ degree programs in medical imaging. See website for details.

**Transferring from other Medical Imaging Programs**
Students that would like to transfer from one radiology (imaging) program to Ivy Tech Community College’s Terre Haute Medical Imaging program shall be subject to the availability of an appropriate clinical placement and student admission policies.

Transfer students must meet all requirements for college admission.

Students must have successfully completed all of the pre-requisite courses required for the Terre Haute Ivy Tech Medical Imaging Program.

Course syllabi, health records, competencies, and transcripts must be reviewed and approved by the Program Chair before a student can be allowed to transfer.

Students may be asked to show competency in positioning courses or asked to repeat a positioning course that the student has already completed if the student has been out of a program for more than one semester before being allowed to transfer.

All previous competencies completed from the transfer program will be repeated at Terre Haute, Ivy Tech Medical Imaging program.
Frequently Asked Questions (FAQ)

1. How many students do you accept every year?
   Based on clinical availability usually 20-25.

2. How many applications do you receive?
   It varies from year to year but average is around 75.

3. Is there a waiting list?
   No, we do not use a waiting list. If an applicant is not selected, then he or she must reapply the following year.

4. What is your deadline for the application?
   The deadline is April 1st.

5. When are students selected?
   The selection process will be finalized at the conclusion of the Spring semester.

6. How will I know if I am accepted?
   Students will receive a letter / email from the Program Chair regarding acceptance or nonacceptance. Email communication will be through the student’s Ivy Tech email account.

7. What are the prerequisites?
   See the curriculum sheet in this packet.

8. Do I have to take the prerequisites in Terre Haute?
   No, the prerequisites may be taken at any Ivy Tech campus.

9. Where do I take the Pre-admission HESI and Critical Thinking test?
   See information about Pre-admission HESI and Critical Thinking test in the selection process of this packet. Pre-admission HESI and Critical Thinking test can be taken at the assessment centers located Ivy Tech campuses.

10. How are students selected?
    The selection process is decided by a point system. Points are awarded for the following:
    Grades of the following:
    • These courses must be completed by the end of the spring semester of the application year.
      APHY 101 – Anatomy and Physiology I,
      ENGL 111 – English Composition
      HLHS 101 – Medical Terminology,
      MATH 136 –College Algebra
      Score on the Pre-admission HESI and Critical Thinking test.

11. Where are your clinical sites?
    Students will be required to rotate to different hospitals and clinics for the clinical portion of their education. Students will be assigned locations before each semester begins. Proximity to a clinical site does not guarantee rotation to that site. See list of sites in this packet.
12. Can I take the prerequisite courses in the summer if I didn’t get them done in the Spring semester?
No, the required general education courses taken for points must be completed by the end of the spring semester of the year you apply for selection. By signing the application, you state that you will successfully complete the prerequisite courses by the end of the Spring semester of the year that you apply to the program.

13. What do I need to do if I am accepted?
If you are accepted into the Medical Imaging program, you will need to do the following:
• Attend the new student orientation.
• Submit the Immunization, Tuberculosis Screening, Physical Examination and Essential Functions Requirements form signed by a physician or advanced registered nurse practitioners, and/or licensed physician assistants.
• Have a current CPR card.
• Hepatitis B surface antibody shot is recommended but is optional. Details will be sent prior to starting the program.
• Drug screen & Criminal background check
You will be sent a letter with full instructions at that time.

14. What happens if I don’t get accepted?
If a student is not accepted into the Medical Imaging program, the student may...
• Reapply the following year and submit new transcripts and scores if repeated.
• Consult with advisor for other programs that you may complete or be eligible to pursue.
• Discuss with Medical Imaging Program faculty about the areas that need to be improved.
• Discuss with the Medical Imaging Program faculty an alternate plan.

15. Will I learn Ultrasound, CT, or MRI in the Medical Imaging Program?
Not ultrasound or MRI but some basics of CT. The Medical Imaging program is to prepare students for radiology and x-rays. During the program, students will be introduced to other imaging modalities but will not learn how to do medical procedures. Presently, the Terre Haute campus does offer an AAS degree in Sonography and post primary in CT and MRI.

16. What is the cost of the program?
The program is 74 credits so multiply that with the present tuition for ITCC (you can go to www.ivytech.edu for current tuition). Other cost includes:
• 2 scrub outfits and shoes. These prices will vary depending on where you purchase these articles.
• There is also a cost for books and lab fees. This too will vary according to market value.
• Dosimetry badges and service.
• Health consumables and clinical tracker.
• Students will also travel to a variety of clinical sites so gasoline is another cost.
• Technology fees
• See cost in this packet

17. Can I work and be in the program?
You can but we don’t recommend it. The regular hours of attending class and going to clinical are about 15-40 hours a week depending on the semester and you still need study time on top of that.
18. Can I take classes at night?
Any of the prerequisites may be taken at any time at any campus but once admitted into the program, most courses are daytime. Students are scheduled for some afternoon clinical rotations during their fourth and fifth semesters.

19. What if I don’t pass the Criminal Background check?
Clinical sites have the right to refuse any student for clinical placement. Policy at clinical sites may vary in whether or not students with particular positive findings on the background check will be allowed to attend clinical. In the event there are positive findings on any portion of the criminal background check, a primary clinical site will be notified and requested to make a decision on whether or not the student will be allowed to complete a rotation at the site, in light of the specific positive findings on the criminal background check. If the clinical site will not allow the student to participate in clinical at that site, the program chair will contact up to two additional clinical sites offering the same type of clinical experience, if available, to attempt to place the student. If these attempts do not result in a clinical site placement for the student, the student will be notified that s/he may not enroll in clinical courses and any co-requisite courses. In most cases, this will mean that the student will not be able to progress in the program, and will therefore not be able to complete the courses required for graduation.

20. If I have repeated a prerequisite, which grade to use?
The policy states "When the student has taken a prerequisite course more than once, points will be determined using the highest grade for the initial (first) two course attempts appearing on both Ivy Tech and other college transcripts. Grades for courses over 5 years old may be excluded from consideration the applicant’s written request included in the application packet. Excluding those grades from the admission point system does not affect calculation of the student’s grade point average (GPA)." This includes any withdrawals.

21. Do I need a computer and internet access?
Yes, most of the Medical Imaging courses are hybrid meaning half of the class is on-line and the other half is face-to-face on campus. Many lectures, assignments, and videos are on-line so Medical Imaging students need a computer and high-speed internet. If a student does not have this at home, he/she can go to any Ivy Tech campus an access IvyLearn for course work. Certification/Licensure Training Disclaimer Ivy Tech Community College cannot guarantee that any student will pass a certification or licensing exam. Your success will be determined by several factors beyond the instruction you are given in the classroom including your test-taking skills, your willingness to study outside of class, and your satisfactory completion of appropriate practice exams. Certification and licensure exam questions are drawn from databases of hundreds of possible questions; therefore, a thorough understanding of the subject matter is required. The goal of Ivy Tech in providing a certification/licensure exam studies class is to assist you in understanding the material sufficiently to provide a firm foundation for your studies as you prepare for the exam.
Evaluation Grid – Radiologic Technology Concentration

Name _____________________________________  Student ID # _______________________

Please fill in the courses you have taken or are currently taking. If you are currently taking a course, please wait to fill in the grid when final grades are posted. If you have taken a course more than once, points are determined using the highest grade for the first two course attempts.

<table>
<thead>
<tr>
<th>Course Number and Name</th>
<th>Term Taken (Fall/Spring/Summer and Year)</th>
<th>Grade Received</th>
<th>Points Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>APHY 101 Anatomy &amp; Physiology I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 111 English Composition</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 136 College Algebra</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HLHS 101 Medical Terminology</td>
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</tr>
</tbody>
</table>

**COURSE POINT TOTAL:**

**Points for Courses:** For each final letter grade received in the 4 prerequisites courses listed above, the student will receive points according to the following scales:

- **For APHY, MATH, and HLHS**
  - A = 6 points
  - B = 4 points
  - C = 2 points
  - D = 0 points
  - V = 6 points

- **For ENGL Course**
  - A = 3 points
  - B = 2 points
  - C = 1 points
  - D = 0 points
  - V = 3 points

**Pre-admission HESI and Critical Thinking:**
Point totals are taken from the total score and a decimal point will be placed between numbers (example: 82% is equal to 8.2 points). Please send your highest Pre-admission HESI and Critical Thinking test results with this grid.

<table>
<thead>
<tr>
<th>HESI Test Area</th>
<th>Percentage Received</th>
<th>Points Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-admission HESI and Critical Thinking Total Score</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Course Point Total from Above** +

**TOTAL POINTS** = (HESI Point Total + Course Point Total)

<table>
<thead>
<tr>
<th>Course Number and Name – NOT FOR POINTS</th>
<th>Term Taken/Term Will Take (Fall/Spring/Summer and Year)</th>
<th>Grade Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>APHY 102 Anatomy &amp; Physiology II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMM 101 Introduction to Public Speaking OR COMM 102 Interpersonal Communications</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSYC 101 Introduction to Psychology OR SOCI 111 Introduction to Sociology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IVYT 112 Student Success Elective</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
APPLICATION TO Medical Imaging
RADIOLOGY CONCENTRATION

Name ____________________________________________________________

(Last) (First) (Middle)

Student ID # C0______________________________________________

Mailing Address ________________________________________________

City __________________________________________________________

State ________________ Zip ________________

Home Phone # __________________________

Daytime or Cell Phone Number #___________________________

Preferred E-Mail Address ________________________________________

Signature of Applicant __________________________________________

Date ________________

(Submit Application by April 1st to the campus of which you want to apply. See contact information below.)

Ivy Tech Community College of Indiana provides equal opportunity to all applicants. Applicants will be evaluated on merit not on basis of race, color, religion, creed, gender, national origin, disability, marital or veteran status, sexual orientation, or any other legally protected status.

OFFICIAL USE: Received on ____________________

Asisel@ivytech.edu
317-921-4438

ddillman@ivytech.edu
765-651-3100

lwisbey@ivytech.edu
812-298-2242
Checklist for Radiologic Technology Concentration

College Admission Requirements:

1. Application to Ivy Tech Community College – Terre Haute Campus
2. Any Previous College Official Transcript(s)
3. Knowledge Assessment taken or SAT / ACT Scores evaluated
4. Attend a New Student Orientation
5. If you are attending another Ivy Tech, please request your student file to be sent to Terre Haute or submit items 1-4 to the Terre Haute campus to start a student file.

Program Admission Requirements:

Step 1 Complete the APHY 101, ENGL 111, HLHS 101, and MATH 136 courses by the end of the Spring semester (use the evaluation grid at the end of the packet); complete the IVYT 112 by the end of the Spring.

Step 2 Complete the Health Education System, Inc. admission assessment (HESI) by APRIL 1st.

Step 3 Obtain copies of all transcripts (other colleges and Ivy Tech) to turn in with your application materials. Ivy Tech transcripts are found through your IvyLearn account. (You may request assistance from the Records and Registration Office to help you locate transcripts on IvyLearn)

Step 4 Complete and submit application materials by APRIL 1st.

Application materials should be in the following order:
- Application (found under application link on web page)
- Completed Evaluation Grid (end of this packet)
- Copy of HESI (a copy is given to the student upon completion of the test)
- Copy of all college transcripts (official or unofficial)
- All items must be submitted at the same time

Incomplete applications will be declined

We will not contact students if their application paperwork is incomplete.

Mail your application materials to:

Ivy Tech Community College
Medical Imaging – Radiological Technology
8000 South Education Drive
Terre Haute, IN 47802

Or you may drop it off at our office, B136, or at the Copy Center at the main Terre Haute Campus

1 We recommend using via Certified Mail, Priority Mail, or a similar service with a delivery confirmation system