WABASH VALLEY REGION
Imaging Sciences Program:

RADIOLOGIC TECHNOLOGY CONCENTRATION

Information and Application Packet
Fall 2015 Program
Dear Interested Candidate:

Thank you for your interest in the Imaging Sciences 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.

The Imaging Sciences Program includes AAS degrees in Radiology or Sonography.

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 Imaging Sciences Program Faculty Advisor.

Lou Ann Wisbey, MS, RT (R) (T)  
Program Chair  
812-298-2242  
lwisbey@ivytech.edu

Mary Diel, MS, RT (R)(M)  
Clinical Coordinator  
812-298-2237  
mdiel1@ivytech.edu

Melanie Castle, BS, RT(R)  
Instructor  
812-298-2376  
mcastle@ivytech.edu

Jennafer Grasfeder, MS,RT(R)(RDMS)(RVT)  
Instructor  
812-298-2236  
jgrasfeder@ivytech.edu

Elizabeth Blackburn  
Administrative Assistant  
812-298-2239  
eblackburn5@ivytech.edu

FAX: 812-298-2392

Ivy Tech Community College Imaging Sciences Radiology Program – Wabash Valley Region 2013  
5 year average national exam pass rate = 93%  
5 year average job placement rate = 86%  
Program’s annual completion rate = 79%  
Program’s annual national exam pass rate = 95% on first attempt

In the future, these statistics will be posted at [www.jrcert.org](http://www.jrcert.org)

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

DEGREE AVAILABLE:
Associate of Applied Science

SALARY RANGE:
The mean salary for Indiana is $49,350 according to the 2010 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 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
www.jrcert.org

ADDRESS:
8000 South Education Drive
Terre Haute, IN 47802

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

IMAGING SCIENCES PROGRAM MISSION STATEMENT

The mission of the Imaging Sciences Program at Ivy Tech Community College Wabash Valley Region is to train Technologists and to provide graduates with an entry-level training program to enter the fields of Imaging Technology wherever they choose. This entry-level training also allows graduates to continue their education in specialty areas if they choose to do so.

PROGRAM GOALS

1. To graduate students with knowledge and skills of an entry-level radiographer while demonstrating quality patient care.

2. To provide graduates who possess a lifelong desire of education that can fulfill the needs of the health care community in an ethical manner.

3. To provide students with problem-solving and critical thinking skills.

4. To graduate students with effective communication skills.

PROGRAM OUTCOMES

1. Students are able to competently perform routine procedures.

2. Students demonstrate knowledge and skills of patient care.

3. Students demonstrate radiation safety to self, patients and others.

4. Graduates indicate an overall satisfaction with the program.

5. Graduates will pass the ARRT exam on the first attempt.

6. Graduates obtain employment within 6 months.

7. Students apply knowledge of anatomy, physiology, positioning, to acutely identify structures on radiographs and other image receptors.

8. The students will demonstrate how to perform non-routine to accommodate the patient condition and other variables.

9. Students will demonstrate critical thinking skills in the emergency department, surgery, and fluoroscopy.

10. Students will demonstrate effective written communication skills.

11. Student will demonstrate effective verbal and nonverbal communication skills with all patients.
Imaging Sciences

*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.
## Radiologic Technology

### PHYSICAL DEMANDS AND REQUIREMENTS

Frequency: 0 = Occasionally (1-33%) F = Frequently (34-66%) C = Constantly (67-100%)

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

CRIMINAL BACKGROUND CHECKS AND DRUG TESTING INFORMATION

In order to participate at the clinical sites, CRIMINAL BACKGROUND CHECKS and DRUG TESTING*** must be performed and 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 background checks, whether positive or negative, may be shared with any affiliating clinical site for the Imaging Sciences program in order to determine clinical eligibility. Some clinical sites may require you to show your criminal background check results to them.

As per College policy, if clinical site placement of the student is not successful, “...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.” Any existing clinical affiliate appeal processes will be shared with the student. The student is then responsible for managing their appeal directly with the clinical affiliate.

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
American Registry of Diagnostic Medical Sonographers at 800-541-9754
Cardiovascular Credentialing International at 800-326-0268

RANDOM DRUG TESTING

Clinical affiliates can conduct additional background checks and drug screenings (including random drug screenings during clinical) at their discretion. These tests may be at the expense of the student.

***Additional criminal background checks and/or drug screenings will be required in programs for students enrolled in clinical courses more than 12 months.

Students who are not continuously enrolled in a program until completion may be required to complete additional checks upon re-entry to a program or admission to a different program in the School of Health Sciences or School of Nursing. Clinical sites or the College may request additional background checks or drug screenings at their discretion.***

CERTIFICATION/LICENSURE TRAINING DISCLAIMER

Ivy Tech Community College – Wabash Valley Region 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 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.
# Radiologic Technology Concentration

Prerequisites (shaded area) and Program Curriculum Semester Sequence

<table>
<thead>
<tr>
<th>GENERAL EDUCATION PREREQUISITES 1ST SEMESTER</th>
<th>CREDITS</th>
<th>RADIOLOGY TECHNOLOGY CURRICULUM SUMMER SEMESTER</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>IVYT 1XX - Life Skills Elective</td>
<td>1-3</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></td>
<td></td>
</tr>
<tr>
<td>ENGL 111 – English Composition *</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HLHS 101 – Medical Terminology *</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>13-15</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Required for application to the program

<table>
<thead>
<tr>
<th>GENERAL EDUCATION PREREQUISITES 2ND SEMESTER</th>
<th>CREDITS</th>
<th>RADIOLOGY TECHNOLOGY CURRICULUM FALL SEMESTER 2</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>APHY 102 – Anatomy &amp; Physiology II</td>
<td>3</td>
<td>RADT 203 – Radiographic Clinical Education IV</td>
<td>4</td>
</tr>
<tr>
<td>COMM 101 – Speech or COMM102 – Interpersonal Communication</td>
<td>3</td>
<td>RADT 218 – Imaging Production &amp; Evaluation II</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 101 – General Psychology or SOCI 111 – Principles of Sociology</td>
<td>3</td>
<td>RADT 209 – Radiographic Positioning IV</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>12</strong></td>
<td>RADIOLOGY TECHNOLOGY CURRICULUM SPRING SEMESTER 2</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RADIOLOGY TECHNOLOGY CURRICULUM FALL SEMESTER 1</th>
<th>CREDITS</th>
<th>TOTAL CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>RADT 111 – Orientation and Patient Care</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>RADT 113 – Radiographic Positioning I &amp; Lab</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>RADT 114 – Radiographic Clinical Education I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>RADT 117 – Radiation Physics &amp; Equipment Operation</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>14</strong></td>
<td><strong>76-78</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RADIOLOGY TECHNOLOGY CURRICULUM SPRING SEMESTER 1</th>
<th>CREDITS</th>
</tr>
</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><strong>Total</strong></td>
<td><strong>12</strong></td>
</tr>
</tbody>
</table>
Program Costs

- **Tuition** is presently $121.15 per credit hour. The Imaging Program Radiologic Technology Concentration is 76-78 credits total so tuition would approximately be $9328.55-$9570.85.
  - Please see [www.ivytech.edu/tuition](http://www.ivytech.edu/tuition) for the most current tuition information.
- **Books** costs vary by course. The average cost for radiology books is about $800.00 for the 5 semesters.
- **Technology Fee** is $60.00 per semester
- **Consumable fees** $203.00; this includes supplies for certain courses like radiation monitoring devices and lab supplies.
- **Travel** students are also required to clinical 2-3 times a week. 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.**

Program Calendar

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)

Policies

Students that are accepted in the Imaging Sciences Program are given a Student Handbook and Policy Manual with all of the program policies and other college information including refund policies, academic calendars, academic policies, clinical obligations, grading system, graduation requirements, and the criteria for credit transfer of credit. Policies are available to all interested parties by contacting LouAnn Wisbey at lwisbey@ivytech.edu.

Radiologic Technology Concentration Clinical Rotations

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. The currently approved clinical sites include the following and are subject to change:

- IU Health Bedford Hospital
- IU Health Paoli Hospital
- First Health Care Group
- Monroe Hospital
- Paris Community Hospital
- Providence Medical Group
- Southern Indiana Radiologic Associates (SIRA)
- St. Vincent Dunn Hospital
- Terre Haute Regional Hospital
- Union Associated Physicians (UAP) Clinic
- Union Hospital Clinton
- IU Health Bloomington Hospital
- Clay City Center for Family Medicine
- Internal Medicine Associated (IMA)
- Morgan Hospital and Medical Center
- Premier Diagnostic Imaging (PDI)
- Putnam County Hospital
- St. Vincent Clay Hospital
- Sullivan County Community Hospital
- Union Hospital
- UAP Bone and Joint Center
If You Are Planning To Apply To the Imaging Sciences Program, Radiologic Technology Concentration, PLEASE Read This Information Carefully

The Imaging Sciences 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 Imaging Sciences 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 www.ivytech.edu/apply-now.
   - Provide any official college transcript(s) to Ivy Tech Wabash Valley.
   - Complete the ACCUPLACER Assessment test, if applicable.
   - Make an appointment with your campus Academic Advising Center to help you with this process and to help you interpret your ACCUPLACER scores.
   - If necessary, complete any of the Academic Skills courses required from the results of your ACCUPLACER test.
   - Attend a New Student Orientation
   - Complete IVYT 101 or higher 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 Imaging Sciences department.
   - The student needs to follow packet for the course sequencing

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

4. Complete the prerequisites by the due dates (see next page).

5. Complete the TEAS (Test of Essential Academic Skills) by the last business day in January 2015.
1. Apply to Ivy Tech Community College and have all transcripts sent accordingly.

2. Successfully complete the following four (4) prerequisite courses by the end of the Fall semester, December 2014. These courses must be completed to apply and 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

3. Successfully complete all other prerequisites by June 1st of 2015*. The grades in these courses are not used in calculations for student selection. These courses are as follows:
   • PSYC 101 or SOCI 111 – Either Introduction to Psychology or Introduction to Sociology
   • COMM 101 or COMM 102 – Either Public Speaking or Interpersonal Communications
   • AHPY 102 – Anatomy and Physiology II
   • IVYT 1XX

   *Failure to do so would mean that the student would forfeit his or her spot and the next student with the highest points will be offered admittance into the program.

4. Take the TEAS test by the last business day in January 2015:
   • Refer to campus-specific instructions to register for the TEAS.
   • The TEAS may be 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 at least 30 (thirty) 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 TEAS test.
   • TEAS tests will include all four test components: English, reading, math, science.
   • The “Adjusted Individual Total Score” will be used for determination of points for the selection process

5. Send the paper Application found under application link on web page for the Imaging Sciences Radiologic Technology Concentration to the Program Office (Terre Haute campus) along with a completed application materials (see page 14 of this packet).
   • Deadline is the last business day of January 2015.
Getting Accepted

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

Acceptance into the Program: Acceptance into the Imaging Sciences Program at Ivy Tech Community College Wabash Valley is a competitive based on grades earned in the required four (4) general education courses and the TEAS test scores.

Tie Breaker = 10% of the TEAS math component score (maximum 10 points).

Points for the Program: For each final letter grade received in the four (4) prerequisites courses, the student will receive points according to the following scales:

<table>
<thead>
<tr>
<th>Course</th>
<th>Points for APHY 101, MATH 136, and HLHS 101 Courses</th>
<th>Points for ENGL 111 Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>6 points</td>
<td>3 points</td>
</tr>
<tr>
<td>B</td>
<td>4 points</td>
<td>2 points</td>
</tr>
<tr>
<td>C</td>
<td>2 points</td>
<td>1 point</td>
</tr>
<tr>
<td>D</td>
<td>0 points</td>
<td>0 points</td>
</tr>
<tr>
<td>V</td>
<td>6 points</td>
<td>3 points</td>
</tr>
</tbody>
</table>

For Courses Taken More Than Once: 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, this includes withdraws ("W"). Grades for courses over 5 years old may be excluded from consideration at the applicant’s written request. Excluding those grades from the admission point system does not affect calculation of the student’s grade point average (GPA).

TEAS Test Scores: The “Adjusted Individual Total Score” will be used for determination of points for the selection process. A decimal point will be placed between numbers (example: 73% is equal to 7.3 points; 73.5% is equal to 7.4 points). The points from the TEAS will be added to the point totals from the above general education courses. A copy of the TEAS test results must be included with your application materials. The TEAS may be taken up to 2 (two) times in a two-year period regardless of the testing location at your own expense. Only the first two scores will be considered. Exam scores will be valid for 2 (two) years from the date of the initial TEAS test. You must wait 30 days between retakes. A minimum score of 70% or above is recommended.

The Application: Include a completed copy of the Application with your application materials.

The Evaluation Grid: Include a completed copy of the Evaluation Grid with your application materials.

Copy of Transcripts: Transcripts need to be included with your application materials from Ivy Tech and any other colleges attended. Ivy Tech transcripts can be official or unofficial (Ivy Tech students can print transcripts from their student Campus Connect account).

Good Luck!
**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 (see page 11 for more information).

<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>
<td></td>
<td></td>
<td></td>
</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

**Points for the TEAS:** Point totals will be taken from the adjusted individual total score and a decimal point will be placed between numbers (example: 82% is equal to 8.2 points). Please round up or down to the nearest 10th of a point when necessary.

<table>
<thead>
<tr>
<th>TEAS Test Area</th>
<th>Percentage Received</th>
<th>Points Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adjusted Individual Total Score</td>
<td>(Found in the top right corner of test results)</td>
<td></td>
</tr>
</tbody>
</table>

**Course Point Total from Above** +

**TOTAL POINTS** (TEAS 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 1XX Life Skills Elective</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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. ACCUPLACER 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 Fall 2014 semester (use the evaluation grid on page 13 to document); complete the remaining four (4) courses plus IVYT 1XX by the end of the Spring 2015.

Step 2 ______ Complete the Test of Essential Academic Skills (TEAS V) by the last business day of January 2015.

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 Campus Connect account. (You may request assistance from the Records and Registration Office to help you locate transcripts on Campus Connect)

Step 4 ______ Complete and submit application materials by the last business day of January 2015
Application materials should be in the following order:
- Application (see page 12 of this packet)
- Completed Evaluation Grid (see page 13 of this packet)
- Copy of TEAS V test results (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 to¹:

Ivy Tech Community College
Imaging Sciences – RADT
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
Frequently Asked Questions (FAQ)

1. How many students do you accept every year?
   Presently, the Wabash Valley Region accepts 26 Radiologic Technology students and 15 Sonography students.

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 the last business day of January for Radiologic Technology and the last business day in May for Diagnostic Medical Sonography.

5. Where do I take the TEAS?
   TEAS V can be taken at the Certification Center or Testing Center at most Ivy Tech campuses.

6. What do I need to score on the TEAS?
   We use the "Adjusted Individual Total Score" found in the upper right-hand side of the results that are given from the test center. Ten percent of the "Adjusted Total Score" is used. So for example, if the score is 82%, then the student is awarded 8.2 points. There is no minimum required score.

7. How can I study for the TEAS?
   There is a pre-test manual for the TEAS test available in the Ivy Tech bookstore. For sample questions and testing tips go to www.atitesting.com.

8. How are students selected?
   The selection process is decided by a point system. Points are awarded for the following:
   - Final grades of the following: APHY 101 – Anatomy and Physiology I, ENGL 111 – English Composition, HLHS 101 – Medical Terminology, MATH 136.
   - Composite score of the TEAS test.

9. What are the maximum points possible?
   An applicant can receive a maximum of 31 points. This is achieved if the applicant receives a final grade of “A” in the four required courses (for a total of 21 points) and a 100% (for a total of 10 points) on the “total individual adjusted score” for the TEAS V test.

10. What do I do if I have already completed a college degree?
    Have your official college transcripts sent to Terre Haute Ivy Tech to be evaluated. The evaluation will determine what classes will transfer and what additional courses need to be completed. If you are attending another Ivy Tech, please request official transcripts from other colleges to be sent to your home campus for evaluation before turning in your application materials.

11. Should I include official or unofficial transcripts with my application?
    Either. Unofficial Ivy Tech transcripts are acceptable as long as they show the final grades for your classes, particularly from transfer courses. Ivy Tech students can print an unofficial transcript from Campus Connect.

12. When are students selected? How will I know if I am accepted?
    The selection process will be midterm of the Spring semester for Radiologic Technology and midterm Summer semester for Sonography. Students will receive a letter from the Program Chair via US mail regarding acceptance, non-acceptance, or alternate status. For Radiologic Technology, the letters are sent the week of Spring Break. For Sonography, the letters are sent the first week of July.
13. What do I need to do if I am accepted?
If you are accepted, you will need to do the following:
- Attend required orientation.
- Have current immunizations verified by a medical doctor.
  - MMR, Varicella, Hepatitis B, Influenza, Tdap
- Have current 2-Step TB skin test.
- Have current Hepatitis C titer.
- Have current eye exam.
- Have current Healthcare Provider CPR certification.
- Submit to a criminal background check and drug screen.
- Required to travel to the various clinical sites.

Details regarding the above will be discussed at the required orientation.

14. What happens if I am not accepted?
If the student is not accepted into the program, the student may…
- Reapply the following year.
  - Students must submit a new application
- Consult with your advisor for other programs that you may complete or be eligible to pursue.
- Discuss with your Imaging Sciences Program Faculty Advisor on areas that need to be improved.
- Discuss with your Imaging Sciences Program Faculty Advisor an alternate plan.

15. What will I learn in the Imaging Sciences Program?
Radiology – The program is designed to prepare students to perform radiology, x-ray, and some basics of CT procedures. During the program, students will be introduced to other imaging modalities but will not learn how to do those medical procedures.

Sonography – The program is designed to prepare students to perform Sonographic procedures. Students may be introduced to other imaging modalities but will not learn how to do those medical procedures.

16. Can I work and be in the program?
You can but we do not recommend it. The regular hours of attending class and going to clinical are about 32-34 hours a week and you still need study time on top of that.

17. Do I have to drive to Terre Haute for RADT & DMSI classes?
Yes, the program is Terre Haute based and students are required to attend classes at Terre Haute once a week and on-line (hybrid) classes at least three times a week.

18. What if my criminal background check or drug screen comes back positive?
The student may or may not be able to complete the program clinical portion of the program. The clinical portion is a requirement for graduation. We strongly encourage you to inform the program chair of any possible issues that may show up on your background check or drug screen.