

Rad Tech (College-Based) Admission Criteria

This is a selective and competitive admission program. Admission to the college doesn't guarantee admission to the clinical component of the program. You will be admitted as a pre-rad tech student and work with your advisor to apply to the clinical/core component of the program.

Minimum Criteria to Apply: See the point system

Advising: Pre- and non-clinical rad tech students should meet with a health careers advisor to develop an educational plan.

For appointments:

Gettysburg- (717) 337-3855 x 3001
Harrisburg-Becky Zawisky (717) 780-1124
Lancaster-Susan Herr (717) 358-2988
Lebanon-Debra Schneider (717) 270-4222
York-Heather Burns (717) 718-0328 x 3513

Shadowing: Shadowing is strongly encouraged but not mandatory, however a student can receive points for shadowing **at one of the (college-based) program's clinical sites.**

Shadowing at Pinnacle Health, Carlisle Regional Medical Center, Hanover Hospital, or Chambersburg Hospital can be arranged by contacting the Rad Tech Director of Clinical Education in Harrisburg - (717) 221-1377.

Shadowing at Lancaster Regional Medical Center, Heart of Lancaster Regional Medical Center, The Imaging Center of Lancaster, Lebanon VA Medical Center, Ephrata Hospital, Brandywine Hospital, or Jennersville Regional Hospital can be arranged by contacting the Rad Tech Director of Clinical Education in Lancaster - (717) 358-2837.

Application: Available in March for the following spring clinicals. Mandatory information sessions will be held; pre-rad tech students will receive a mailing or check the rad tech website for additional information when available.

Application Deadline: May 20

Class Selection Date: July 1

ADDITIONAL REQUIREMENTS PRIOR TO STARTING THE CLINICAL PORTION OF THE PROGRAM (after acceptance)

Additional information and required forms will be provided to you upon acceptance into clinicals. Failure to provide all the necessary documentation before the established deadline could lead to denial of admission into the clinical program. The following must be completed (at your own expense) after you have been selected for, but prior to starting the clinical portion of the program:

Physical Examination and Required Immunizations

All students accepted into the clinical component of the program must submit a health examination form completed by a physician/nurse practitioner/physician's assistant with immunization history including verification through blood work. No student will be admitted with a disqualifying result or failure to meet the specified deadline.

Background Checks

All students accepted into the clinical component of the program must undergo annual Pennsylvania Child Abuse History Clearance, FBI Check and State Police Criminal Record Check. No student will be admitted with a disqualifying criminal history or child abuse clearance. Students with criminal backgrounds interested in admission into the clinical portion of any health career program at HACC must follow the [Prohibitive Offense Procedure](#) for Health Career Programs, effective for admission into the clinical portion of any health career program after May 1, 2011.

Drug and Alcohol Screens

All students accepted into the clinical component of the program must undergo a drug and alcohol screen annually at the laboratory specified by the program on or before the stated deadline. This lab is used to protect the integrity of the results being reported. No student will be admitted or retained in the program with a disqualifying result or failure to meet the specified deadline.

Any candidate not meeting these criteria will be denied admission into the program.

HACC Associate in Science Degree in Radiologic Technology (College-Based) Admission Criteria (for Spring 2013 Clinicals)

Students will be considered for admission into the radiologic technologist (college-based) program who have:

- Minimum 2.5 overall GPA
- High school biology (1 credit academic or honors) or Biology 111 with a “C” or better
- High school chemistry (1 credit academic or honors) or Chemistry 100 with a “C” or better
- Computer Information Systems 105, English 101, Math 103, and Biology 121 and Radiologic Technology 102 with a C or better completed prior to the beginning of the first clinical semester
- Attended the mandatory information session

All radiologic technology applicants will be ranked on the following criteria:

Points	Criterion
12 to 17	* Grade in BIOL 121 A = 17, B = 14, C = 12
10 to 15	* Grade in BIOL 122 A = 15, B = 12, C = 10
12 to 17	* Core C Elective (MATH 103) A = 17, B = 14, C = 12
10 to 15	* Grade in PHYS 151 A = 15, B = 12, C = 10
7 to 12	* Grade in CIS 105 A = 12, B = 9, C = 7
5 to 10	* Grade in AH 209 A = 10, B = 7, C = 5
5 to 10	* Grade in BIOL 230 A = 10, B = 7, C = 5
5 to 10	* Grade in PBT 100 A = 10, B = 7, C = 5
<i>* Note: all transferred courses are equivalent to a “C” grade at HACC</i>	
7	ENGL 101
5	ENGL 102
5	Core A
5	Core B (PSYC 101 OR SOC 201)
5	Speech 101 or 104
1	PE/Wellness
5	Shadowed a radiologic technologist
5	Ranked applicant from previous year
Total Score (144 MAX)	

TRANSFER STUDENTS

- A GPA will be calculated for applicants with only "T" grades at the time of application based on the transferred credits that apply to the AS degree in Radiologic Technology

The accepted time limit for science courses (HACC or transfer) for use in health career program requirements is 7 years.

In event of a tie, overall program GPA will be used.

4/26/05 rev 2/3/12
Approved by Rad Tech administration

HACC does not discriminate in employment, student admissions, and student services on the basis of race, color, religion, age, political affiliation or belief, sex, national origin, ancestry, disability, place of birth, General Education Development Certification (GED), marital status, sexual orientation, gender identity or expression, veteran status, or any other legally protected classification.



Radiologic Technologist Essential Qualifications

All individuals, including persons with disabilities, who apply for admission to the radiologic technology program, must be able to perform specific essential functions with or without reasonable accommodation.

The following outlines the abilities and behavioral characteristics necessary for the student to be admitted to, continue in, and graduate from, the radiologic technology program at HACC. These are standards of admission.

The applicant should carefully review the essential qualifications for the program and ask questions if not familiar with the activities or functions listed. The applicant must decide if he or she has any limitations that may restrict or interfere with satisfactory performance of any of the requirements. It is ultimately the applicant's responsibility to meet these essential qualifications if accepted into the program.

The applicant should consult with the program director or the director of clinical education to discuss any individual situation if he or she may not be able to meet these essential qualifications. Requests for reasonable accommodation will be considered. Contact the program director if you have any questions about this matter.

Any candidate *not* meeting these criteria will be denied admission into the program.

- **Hearing** - Able to hear and understand patients and staff; assess and monitor patient sounds
 1. Communicate and interact with patients, staff and families from a variety of cultural backgrounds.
 2. Follow verbal instructions.
 3. Use a stethoscope to hear heart and breath sounds.
 4. Detect and discriminate between sounds of normal conversation.
 5. Must be able to hear verbal directions when person giving the direction is not facing the student or is wearing a surgical mask.
 6. Ability to hear sounds of a variety of equipment alarms and monitors
 7. Hear faint body sounds (for example: blood pressure sounds)

- **Mobility** - Mobile and strong enough to support and move patients. Able to remain in a standing position for 90 minutes. Able to move quickly from place to place to perform patient care.
 1. Support and transfer patients safely from bed/ table to wheelchair, wheelchair to bed / table, and modify patient position on table or in bed.
 2. Move in and out of treatment areas.
 3. Respond to emergency situations in a timely manner.
 4. Reach equipment and parts of patient's body.
 5. Reach above shoulder height to manipulate equipment.
 6. Reach below waist level to manipulate equipment.
 7. Bend, stoop and squat

- **Visual** - Able to monitor and assess patient and equipment function; to provide safe and effective care.
 1. Read written instruction/orders.
 2. Read fine print, monitors, and gauges.
 3. Differentiate between subtle differences in shades of gray. (i.e. radiographic densities such as metal density, water density, fat density, and air density)
 4. Chart (write) procedures and observations legibly in a permanent medical record.
 5. Ability to see and discriminate between a variety of equipment visual alarms.
 6. Ability to observe demonstrations and patients close up and at a distance to learn skills and to gather patient data (e.g., observe a patient's gait, appearance, posture, breathing, etc.).
 7. Use of depth perception
 8. Use of peripheral vision

- **Motor Skills (fine and gross)** - Perform multiple motor tasks simultaneously. Fine and gross motor skills sufficient to handle equipment and provide safe and effective patient care; steady arm and hand movements while manipulating objects or assisting patients. Able to lift 50 pounds.
 1. Move, adjust and manipulate a variety of x-ray equipment (including the physical transportation of portable x-ray machines) in order to arrange and align the equipment with respect to the patient and image receptor according to established procedure and standards of speed and accuracy.

2. Prepare equipment and materials for administration of contrast media and other fluids.
 3. Manipulate a syringe and needle to prepare medications and perform venipuncture.
 4. Prepare equipment to suction patients, and adjust gauges.
 5. Lift and transport oxygen cylinders; attach regulators; move in and out of treatment areas.
 6. Push/pull hospital beds; transport patients.
 7. Lift and move patients safely.
 8. Perform airway management and CPR.
 9. Squeeze with fingers
 10. Enter data into a computer (usually done by typing)
- **Physical Endurance**
 1. Maintain physical tolerance for an entire assigned shift (typically 8 or 10 hours).
 2. Able to tolerate leaded apparel for extended periods of time. (up to 90 mins.)
 - **Tactile** - Able to assess patient's response to therapy tactilely.
 1. Distinguish textures, degrees of firmness, temperature differences, pulse rate, vibrations and strength.
 - **Smell**
 1. Detect and distinguish odors from client and environment
 - **Communication**
 1. Able to communicate in English orally and in writing with patients and members of the health-care team using correct grammar, punctuation and spelling.
 2. Verbal communication must be clear and easily understood.
 3. Able to read and comprehend written material in English.
 4. Communicate verbally in an effective manner in order to explain and direct patients as it relates to their examinations and to physically place patients in proper positions for the examination according to established procedure and standards of speed and accuracy.
 - **Intellectual, Cognitive and Critical Thinking**
 1. Problem solve - able to measure, calculate, reason, analyze, synthesize, integrate and apply information.
 2. Use long-term and short-term memory.
 3. Identify cause-effect relationships
 4. Plan/control activities for others
 5. Sequence information
 - **Behavioral and Social**
 1. Possess the emotional health required to use their intellectual abilities fully, such as exercising good judgment, promptly completing all responsibilities attendant to the diagnosis and care of patients, and developing mature, sensitive and effective relationships with patients and other healthcare workers.
 2. Able to tolerate physically taxing workloads and to function effectively under stress.
 3. Able to adapt to changing environments, to display flexibility, and to learn to function in the face of uncertainties and ambiguities inherent in the clinical problems of many patients.
 4. Have compassion, integrity, concern for others, interpersonal skills, interest and motivation.
 5. Monitor own emotions and able to keep emotional control.
 - **Ethical Standards**
 1. Demonstrate professional demeanor and behavior and must perform in an ethical manner in all dealings with peers, faculty, staff and patients.

ETHICAL BEHAVIOR ELIGIBILITY REQUIREMENT

The American Registry of Radiologic Technologists (ARRT) ethical behavior eligibility requirements specify that every applicant for certification must "be a person of good moral character and must not have engaged in conduct that is inconsistent with the ARRT Rules of Ethics," and they must "agree to comply with the ARRT Rules and Regulations and the ARRT Standards and the ARRT Standards of Ethics."

One issue addressed by the Rules of Ethics is the conviction of a crime, including a felony, a gross misdemeanor or a misdemeanor, with the sole exception of speeding and parking violations. All alcohol and/or drug related violations must

be reported. *Conviction as used in this provision includes a criminal proceeding where the individual enters a plea of guilty or nolo contendere. All potential violations must be investigated by the ARRT in order to determine eligibility. Further information may be found on the ARRT web site in the handbooks for radiography certification.

Applicants should be aware of this limitation on certification prior to entering the Radiologic Technology Program. Practice of Deceit in the application procedure is cause for dismissal from the Program.

Student Pregnancy Policy - attached

As an applicant to this program or student in this program, I acknowledge that I have read and understand the essential qualifications. **I acknowledge that I am capable of performing the abilities and skills outlined in this document** with or without reasonable accommodation and understand that my status as a student in this program depends on my continued ability to successfully demonstrate these abilities and skills. **I understand that if I am no longer able to meet these essential qualifications I will immediately notify the program director.** _____ (Initial)

I have read and understand the program admission criteria as posted on the HACC Health Careers website. _____ (Initial)

I have read and understand the Prohibitive Offense Procedure

I have read and understand the program's pregnancy policy. _____ (initial)

I have read and understand the ARRT Ethical Behavior Eligibility Requirement _____ (initial)

I understand that all students accepted into the clinical component of the program must undergo (at student's expense) a drug and alcohol screen at the laboratory specified by the program. The screenings must be performed between the dates specified by the program. This lab is used to protect the integrity of the results being reported. No student will be admitted or retained in the program with a disqualifying result or failure to meet the specified deadline. _____ (Initial)

I understand that all students accepted into the clinical component of the program must undergo (at student's expense) a Pennsylvania Child Abuse History Clearance, FBI Check and State Police Criminal Record Check. No student will be admitted or retained in the program with a disqualifying criminal history or child abuse clearance. _____ (Initial)

I understand that students accepted into the clinical component of the program may perform procedures which may expose them to bloodborne and airborne pathogens, ionizing radiation and potentially hazardous materials. _____ (Initial)

I understand that all students accepted into the clinical component of the program must have the following immunizations: Hepatitis B, MMR, DPT, Varicella, and an annual TB screen. _____ (Initial)

I understand that intentional deceit or falsification on this document will disqualify a student from admission and/or continuation in any health career program at HACC. NEW

Have you ever been admitted to another health career program at HACC or another college from which you did not graduate? _____ I have not _____ I have (**Good Standing Form to be completed**)

I understand that some clinical sites do not allow tobacco use and may require testing at the student's expense. NEW

Applicant Signature

Date

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HACC Lancaster Campus Radiologic Technology Program – College Based

Pregnancy Policy

Student Pregnancy

Policy: Students, who become pregnant while enrolled in the radiologic technology program, have the option as to whether or not to inform the program. Students electing to inform the program must notify the Program Director in writing. In the absence of any voluntary disclosure of pregnancy, students are not considered to be pregnant.

Upon confirmation of pregnancy from a healthcare provider, students have the following options.

1. Provided the students are in good academic standing, the students can be granted an immediate leave of absence for up to one year, or
2. If the students wish to remain in the program, a conference shall be held with the Coordinator along with the Radiation Safety Officer and Consultant Radiological Physicist from the assigned clinical site, to discuss possible health risks to children of women who are exposed to radiation during pregnancy and to review a schedule the students will follow during pregnancy.
3. Students have the option to continue the educational program without modification.

Upon completion of the initial visit with their healthcare provider, students must be cleared to return to their clinical/didactic duties.

The Coordinator, Radiological Physicist Consultant and the Radiation Safety Officer will review the radiation dosimetry report monthly.

Students are expected to make up any course work or clinical education experiences missed due to pregnancy.

All clinical objectives, clinical competencies and didactic courses must be completed to be eligible for graduation.

Policy Revised January 3, 2007