

# WellSpan Health

## Radiography Program Catalog



# Mission Statement

WellSpan Health Radiography Program's mission is to prepare competent, entry-level radiographers who are able to function within the healthcare community. The school is guided by the mission statement, values, and strategies of WellSpan Health.

## Student Learning Goals

### **Goal #1: All students will be clinically competent.**

- Students will utilize appropriate positioning skills and appropriate technique factors
- Students will employ appropriate radiation protection
- Students will apply appropriate patient care

### **Goal #2: All students will demonstrate critical thinking and problem solving skills within the clinical environment.**

- Students will evaluate diagnostic images and determine appropriate corrections
- Students will modify routine radiographic skills to accommodate various patient conditions and other variables

### **Goal #3: All students will practice effective communication.**

- Students will conduct appropriate professional oral communication skills
- Students will apply appropriate professional written communication skills

### **Goal #4: All students will recognize the importance of professionalism.**

- Students will practice appropriate professional attitudes and ethical behavior
- Students will identify the benefits of professional membership

## Program Effectiveness

- **Program Completion Rate**
- **Credentialing Examination Pass Rate**
- **Employment Rate**

Thank you for your interest in WellSpan's Radiography Program. Additional information regarding our program can be found within this catalog.

<b>Table of Contents</b>	<b>Page</b>
<b>Welcome</b>	
Radiography Career	4
Program History	4
Program Description	4
National Registry Examination	5
Program Accreditation	6
<b>Program Admission</b>	
Admission Technical Standards	6
Academic and Admission Requirements	7
Application Requirements	8
Application Process	8
Post Acceptance / Pre-Enrollment	9
Applicant Cancellation	9
<b>Curriculum</b>	
Course Outline	9
Course Description	10
Staff and Faculty	13
<b>Program Fees and Expenses</b>	
Tuition	14
Text Books	14
Uniforms	14
Financial Aid	14
Personal Medical Insurance	14
<b>Program Completion</b>	
Graduation Eligibility	15
Program Pre-requisites	15
College Course Selection	16
<b>Program Resources and Outcomes</b>	
Student Resources and Services	17
Program Effectiveness	18
<b>Professional Development</b>	19
<b>Program Policies</b>	19
<b>Application</b>	19

## **Welcome**

### **Radiography - A Career**

Radiographers are healthcare professionals educated in the use of ionizing radiation who work in a technically advanced, ever-changing environment. The radiographer's responsibilities include the performance of x-ray examinations under physician direction, delivering excellent patient care, and performing quality radiologic exams with the use of radiographic equipment, computers, and other imaging tools.

Radiographers are exposed to a variety of patients, including the critically ill and injured. Individuals interested in pursuing a career in radiography must possess compassion, superb interpersonal skills, and the desire to work with advanced technology.

### **History**

WellSpan Health has been dedicated to educating radiography students since 1967, and proudly offers a hospital-based radiography certificate program to York County, Adams County, and its surrounding areas. WellSpan Health's commitment to educating students, combined with its state of the art facilities provides a classroom and clinical settings conducive to a successful learning environment.

### **Program Description**

WellSpan Health Radiography Program offers a 23-month hospital-based certificate program accredited by the Joint Review Committee on Education in Radiologic Technology ([www.jrcert.org](http://www.jrcert.org)). Class size is limited to 13 students per year with a new class starting every fall semester. Classroom and clinical education is offered Monday through Friday, 7:30 to 3:30. During the student's second year, they are required to complete a limited number of evening rotations. Didactic classes are offered at York Hospital Imaging Center. Clinical education sites consist of York Hospital, York Hospital Imaging Center, Gettysburg Hospital and York Hospital/WellSpan East York Diagnostic.

The program's clinical sites offer a wide range of opportunities for radiography students to receive hands-on experience and clinical development in the following areas:

Thoracic	Mobile (Portable) Radiography
Abdominal	Urography
Extremity	Surgical Radiography
Pelvic	Trauma Radiography
Spinal	Evening hours: 2 <sup>nd</sup> year 4 weeks total
Fluoroscopy	
Head and Neck	

Through the combination of classroom instruction and clinical education, students develop and improve upon critical thinking and problem solving strategies, as well as, continually develop professionalism and ethics necessary for the health care environment. The program's curriculum follows the ASRT's curriculum guidelines (recommended by the JRCERT). This curriculum is essential to graduating entry-level radiographers.

Because of specific competency requirements and exam schedules, part-time and/or evening hours are not available. Interested applicants should be prepared to enter a full-

### **Program Description (Cont'd)**

time (40 hour week) educational/clinical setting. They will receive three weeks of vacation each year; one week at Christmas/New Years, one week for spring break, and one week in July (please see program's Academic Calendar). The program does not participate in advanced placement.

### **National Registry Examination**

Once a student graduates from WellSpan's Radiography Program, he or she is eligible to work as an entry-level radiographer. In order for a graduate to become a registered radiologic technologist, they must successfully pass the National Registry Examination offered through the American Registry of Radiologic Technologist ([www.arrt.org](http://www.arrt.org)). New graduates are encouraged to take the registry examination shortly after program completion. Graduates must ensure they meet all ARRT examination requirements or risk being ineligible for the exam.

**Please note:** Beginning January 1, 2015, to be eligible to sit for the National Registry Examination offered through the ARRT, the participant will need to have an associate, baccalaureate, or graduate degree from an institution accredited by a mechanism acceptable to the ARRT.

For this reason, Wellspan's Radiography Program is proud to offer an articulation agreement with the following colleges/universities:

York College – Bachelor of Science degree in Radiography

Bloomsburg University – Medical Imaging Bachelor of Science degree

Gwynedd Mercy University - Bachelor of Science Degree in Radiologic

Students complete two years of academic preparation through York College, Bloomsburg University or Gwynedd Mercy University followed by WellSpan's twenty-three month program. Acceptance of the student into WellSpan's Radiography Program is at the discretion of WellSpan Radiography Program's admission committee.

Please contact Elizabeth Hodgson, York College Radiography Program Coordinator, [ehodgson@ycp.edu](mailto:ehodgson@ycp.edu) 717.815.1530 or visit the York College website [www.ycp.edu](http://www.ycp.edu) for more information regarding course curriculum and schedule.

Please contact Dr. Judith Kipe-Nolt, Bloomsburg University Allied Health Program Coordinator, [jkipenol@bloomu.edu](mailto:jkipenol@bloomu.edu) 570.389.4319 or visit the Bloomsburg University website [www.bloomu.edu](http://www.bloomu.edu) for more information regarding Medical Imaging B.S. course curriculum and schedule.

Please contact Joy Fox, BS, RT(R)(M)(QM)(CT), Gwynedd Mercy University Campus Coordinator - Radiologic Technology & Medical Laboratory Science, [fox.j@gmercyu.edu](mailto:fox.j@gmercyu.edu) 215.542.4654 or visit the Gwynedd Mercy University website [www.gmercyu.edu](http://www.gmercyu.edu) for more information regarding course curriculum and schedule.

**Please note:** Individuals who have been convicted of a felony or misdemeanor may have violated the American Registry of Radiologic Technologists Rules and Ethics, and may be considered ineligible to sit for the national board examinations. Those with questions regarding eligibility are encouraged to submit a pre-application form to the ARRT before entering an approved educational program. This form may also be submitted after an individual has been enrolled. Requests for pre-application forms must be requested through the ARRT by calling (610)-687-0048.

### **Program Accreditation**

WellSpan Health Radiography Program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). WellSpan's Radiography Program goals are based on the JRCERT Standards. Copies of the standards are available in the school's office for applicant review at any time.

### **Joint Review Committee on Education in Radiologic Technology**

20 North Wacker Drive, Suite 2850

Chicago, IL 60606-3182

(312) 704-5300

Email: mail@jrcert.org

## **Program Admission**

Students are admitted to the program without consideration of race, color, creed, national origin, gender, age, and handicap status, provided the applicant can meet the requirements of the program (please see Technical Standards).

Admission selection is competitive and includes but is not limited to the following:

Academic ability

References

Writing composition

Work and personal experiences

Interview performance

WellSpan's Radiography Program reserves the right to deny admission or readmission to any applicant if the program believes future admission is not in the best interest of the student and/or program.

To be considered for admission into the program, applicants must meet the following requirements. Applicants accepted into the program must continue to meet these requirements.

### **Please Note: Transfer Credits**

- Outside credits are non-transferrable.
- Students are required to successfully complete all program courses.
- Wellspan Health Radiography Program is non-credit granting.

### **Technical Standards**

To participate in the clinical education portion of the program, the applicant must possess additional non-academic skills. These technical standards are consistent with the duties

of the entry-level radiographer in a professional position. **These standards are not limited to, but include:**

- **Communication** – verbal and non-verbal communication between patients, co-workers, visitors and physicians. Must be able to read, write, and speak the English language and communicate in an understandable manner.
- **Auditory Skills** – hearing a patient’s, co-worker’s or visitor’s request for help, and taking instructions from physicians and supervisors.
- **Psychomotor Skills and Coordination** – performs physical movements required in lifting and moving patients and handling radiographic equipment.
- **Visual Acuity** – reading instructions, books, computer screens, technique charts, and patient requisitions with extreme accuracy. Must be able to view images for accuracy.
- **Dexterity** – manipulating radiographic equipment and computer skills.
- **Emotional Maturity** – possesses emotional health necessary to fulfill program requirements, such as, integrity, compassion, initiative, and good judgment in stressful situations.

Conditions inhibiting the above listed technical standards may be reviewed by the admission committee. Every effort will be made to make reasonable accommodations when necessary.

### **Academic and Admission Requirements**

**Note:** Students enrolled in WellSpan’s Radiography Program are required to have the following prerequisite. All college prerequisites must be acquired through a regionally accredited college:

- 1) **Mathematical Logical Reasoning** – “College Algebra” course or higher (3 credit college course minimum) 2.0 “C” average
- 2) **Written/Oral Communication** – (3 credit college course minimum) 2.0 “C” average
- 3) **Human Anatomy and Physiology I** – 3 lecture hours with laboratory (4 credit college course minimum) 2.0 “C” average
- 4) **Human Anatomy and Physiology II** - 3 lecture hours with laboratory (4 credit college course minimum) 2.0 “C” average
- 5) **Medical Terminology** – (1 credit course minimum or certificate) 2.0 “C” average.

### **Academic and Admission Requirements (Associate Degree Minimum)**

- High School diploma or GED
- High School and/or college transcripts minimum 2.5 “C” overall average; 3.0 “B” is highly recommended
- College prerequisite courses with 2.0 “C” for each course; 3.0 “B” is highly recommended
- College prerequisites will need to be completed within the spring semester of that enrollment year
- Official transcripts of a completed Medical Terminology course must be received by the first day of school.
- Imaging Department Observation (3 hours minimum)
- Willingness to submit to a criminal background check upon program acceptance

- Upon program acceptance, the student will undergo a complete physical and drug/tobacco screen. If the student fails the physical, drug and/or tobacco screen he or she will be released from the program.

**Please Note:** Students are required to have an associate's degree or higher or be eligible to receive an associate's degree or higher upon completion of the program.

### **Application Requirements**

Applications are accepted until January 31<sup>st</sup> for the class starting in August the same year. Responsibility lies with the applicant to ensure the program receives all listed materials on or before the deadline. Information received after the January 31<sup>st</sup> deadline will not be considered for that year's enrollment (**no exceptions**). **Applications are considered complete when the School has received all of the following information:**

- \$35.00 dollar non-refundable application fee
- Completed application form (which includes the observation form)
- Official transcripts from all high schools and colleges listed on the application.
- Three completed reference evaluation forms
- Professional career statement
- Completed applications are valid for one year

### **Application Process**

- The admissions committee will review all completed applicants
- A numerical evaluation is used during the interview selection process to objectively select applicants.
- Interviews are held February through March. A minimum of 15 applicants who scored highest on the Application Point System will be interviewed. The application point system is based primarily on G.P.A., college course work, work-related experience, personal and volunteer experiences, and professional statement essay
- Selected applicants are interviewed
- All interviewed applicants will be notified by e-mail of their final status (admitted, alternate, or not accepted) by May 1<sup>st</sup>
- Final selection is the responsibility of the school's Admissions Committee
- New classes begin in August
- Allied Health Education: Tobacco use policy for applicants to AHed programs
  - It is becoming a common trend that employees who work in health care will not be allowed to use tobacco. WellSpan has already made this a requirement for new applicants.
  - Therefore, following the guidelines as put forth for WellSpan employees, applications to Allied Health Education Programs will not be accepted if the applicant uses tobacco in any form, including the use of electronic cigarettes (E-cigs). Students must remain tobacco-free during the entire program. Furthermore, if a student presents to the clinical area "smelling like smoke", the student will be asked to leave the clinical area until the odor is resolved.
  - This statement must be included in the student handbook and be made known to the applicant as part of the application process to the program. Applicants will be required to sign a separate document that they are tobacco free or they will be required to sign a document that they have read and agree to the policies contained in the student handbook.



## **Post Acceptance / Pre-Enrollment**

- Receipt of all official transcripts
- Maintaining college GPA average at or above 2.5
- Prerequisite course GPA at or above 2.0
- Non-refundable \$100 acceptance fee
- Completed and approved Criminal Background Check
- Completed and approved PA Child Abuse History clearance
- Completed and approved FBI fingerprint record check/federal criminal history background check
- Valid two-year health care provider CPR certification
- Documentation of personal health insurance
- Confirmation of required health screenings, tests (drug and nicotine), and immunization. Documentation is verified through Occupational Health
- Official transcripts of completed pre-requisite requirements with appropriate GPA
- Professional Liability Insurance. The student must carry liability malpractice insurance, at his/her own expense, unless such coverage is provided by the college. The limits of the policy shall be a minimum of \$1,000,000 per claim and an aggregate of 3,000,000 per occurrence.

Accepted students who fail to meet the above mentioned requirements will not be permitted to enter the program.

## **Applicant Cancellation**

Applicants can withdraw their file for review at any time. Any applicant's file that is withdrawn by applicant request may reapply to the program at a later date. Incomplete applications are not reviewed by the Admission Committee.

## **Curriculum**

### **Curriculum Outline**

*Curriculum: Finals will be given at the end of each semester.*

#### **Fall 1<sup>st</sup> Semester (20 weeks)**

- Radiologic Clinical Practicum I
- Introduction to Radiography (Orientation)
- Radiographic Anatomy I
- Radiographic Procedures I
- Patient Care, Pharmacology, Human Diversity & Ethics
- Radiologic Physics I (Radiation Production & Characteristics)

#### **Spring 2<sup>nd</sup> Semester (21 weeks)**

- Radiologic Clinical Practicum II
- Radiographic Procedures II

- Radiographic Anatomy II
- Radiologic Physics (Radiation Production & Characteristics)
- Basic Principles of Computed Tomography
- Image Analysis I

**Summer 3<sup>rd</sup> Semester (11 weeks)**

- Radiologic Clinical Practicum III
- Image Analysis II
- Pathological Report and Presentation

**Fall 4<sup>th</sup> Semester (20 weeks)**

- Radiologic Clinical Practicum IV to include evening rotations
- Advanced Radiographic Procedures I
- Radiobiology and Radiation Protection I
- Principles of Exposure and Image Production

**Spring 5<sup>th</sup> Semester (21 weeks)**

- Radiologic Clinical Practicum V to include evening rotations
- Advanced Radiographic Procedures II
- Radiobiology and Radiation Protection II
- Imaging Equipment
- Digital Image Acquisition
- Registry Review

**Course Description**

**Introduction to Radiography (Orientation)**

**31 hrs**

The course is designed to provide an overview of the radiographer's role within a health care system. The student will review radiography equipment and become familiar with the radiographer's roles and responsibilities within a health care organization(s).

***Prerequisite: Hospital Orientation***

**Patient Care & Pharmacology**

**64 hrs**

The course is designed to provide the basic concepts of patient care, including consideration for the physical and psychological needs of the patient and family. Routine and emergency patient care procedures, basic pharmacology, venipuncture, and administration of intravenous medications will be described. Appropriate techniques pertaining to the delivery of patient care will be emphasized.

This course will also provide basic Human Diversity and fundamentals medical ethics to better understand patients, patients' families, and professional peers.

***Prerequisite: Hospital Orientation***

**Radiographic Anatomy**

**99 hrs**

This course is designed to establish thorough knowledge pertaining to anatomical structures and systems most often evaluated through general radiography. Components include skeletal system and structures, respiratory system, digestive system, urinary system, and vascular system. This course is also designed to

introduce concepts related to disease, etiology considerations, and the pathophysiologic disorders that compromise healthy systems.

***Prerequisite: Preceding Radiographic Anatomy course***

## **Course Description (Cont'd)**

### Radiographic Procedures

**172 hrs**

This course is designed to provide a knowledge base necessary to perform standard imaging procedures. Consideration will be given to the production of images of optimal diagnostic quality. Laboratory experience will be used to complement the didactic portion. This course will provide an in depth study of all radiographic procedures.

***Prerequisite: Preceding Radiographic Procedures course***

### Radiographic Physics (Radiation Production and Characteristics)

**72 hrs**

This course is designed to establish a basic knowledge of atomic structure and terminology. Also presented are the nature and characteristics of radiation, x-ray production and the fundamentals of photon interactions with matter. This course is designed to establish a knowledge base in radiographic equipment requirements and design.

***Prerequisite: Introduction to Radiography; Preceding Physics course***

### Basic Principles of Computed Tomography

**39 hrs**

Content is designed to provide entry-level radiography students with principles related to computed tomography (CT) imaging.

***Prerequisite: None***

### Image Analysis

**72 hrs**

This course is designed to provide a basis for analyzing radiographic images. The course will include the importance of minimum imaging standards, a discussion of problem-solving techniques for image evaluation, and the factors that can affect image quality. The student will evaluate images for quality throughout the course.

***Prerequisite: Introduction to Radiography; Radiographic Procedure***

### Pathological Report and Presentation

**40 hrs**

The pathology report with presentation is a self directed project designed to enhance student knowledge of pathological conditions diagnosed and monitored through general radiography exams. In addition, the student will demonstrate effective research analysis skills, as well as, effective written & oral communication skills.

***Prerequisite: Radiographic Procedure & Radiographic Anatomy***

### Advanced Radiographic Procedures

**97.5 hrs**

This course is designed to provide a knowledge base necessary to perform standard imaging procedures, including basic computed tomography (CT) and special studies. Consideration will be given to the production of images of optimal diagnostic quality. Laboratory experience will be used to complement the didactic portion. This course will provide an in depth study of all radiographic procedures.

***Prerequisites: Radiographic Anatomy, Radiographic Procedures; Preceding Advanced Radiographic Procedures***

## **Course Description (Cont'd)**

### Radiobiology and Radiation Protection

**79.5 hrs**

This course is designed to provide the principles of the interaction of radiation with living systems. Radiation effects on molecules, cells, tissues and the body as a whole are presented. Factors affecting biological response are presented, including acute and chronic effects of radiation. Radiation protection is presented and includes the responsibilities of the radiographer for patients, personnel and the public, which includes federal and state safety requirements.

***Prerequisite: Radiographic Physics***

### Imaging Equipment

**21 hrs**

This course is designed to establish knowledge in radiographic, fluoroscopic, mobile and tomographic equipment requirements and design. The content will also provide a basic knowledge of quality control.

***Prerequisites: Radiographic Physics; Basic Principles of Computed Tomography; Radiobiology and Radiation Protection***

### Principles of Exposure and Image Production

**42 hrs**

This course is designed to establish a knowledge base in factors that govern the image production process. Film imaging with related accessories will be emphasized. Class demonstrations/labs are used to demonstrate application theory.

***Prerequisite: Radiographic Physics***

### Digital Image Acquisition

**39 hrs**

This course is designed to impart an understanding of the components, principles and operation of digital imaging systems found in diagnostic radiology. Factors that impact image acquisition, display, archiving and retrieval are discussed. Principles of digital system quality assurance and maintenance are presented.

***Prerequisite: Film-Screen Image Acquisition; Radiography Practicum***

### Registry Review

**40 hrs**

This course is designed to prepare the student for the ARRT Registry Exam in Radiography. Simulated Registry Exams and Primary Assessment Series are available on computers and in booklets for students to practice the ARRT examination.

***Prerequisites: All previous courses***

### Radiography Clinical Practicum

**1498 hrs**

Through structured, sequential, competency-based clinical assignments students learn concepts of team practice, patient-centered clinical practice, and professional development. Clinical practice is designed to provide patient care and assessment, competent performance of radiologic imaging and quality management. Clinical rotations are designed to provide students with the tools and experience necessary to achieve competency in performing radiologic examinations using a variety of

Revised 9/18

different equipment. *Prerequisites: Each preceding Clinical Practice course; Hospital Orientation Program; Introduction to Radiography*

## **WellSpan Health Radiography Program Staff and Faculty**

Robert F. Kehm, M.D.  
Medical Director

Tracy Szczypinski, M.S., R.T. (R)(CV)  
Program Director

**Class and Office Location:**

WellSpan/York Hospital Imaging Center, Radiography Program  
Suite 101  
York, PA 17403  
M – F 8-4  
717-851-4438

Amy Bottali, B.S., R.T.(R)(M)  
Clinical Instructor

**Class and Office Location:**

WellSpan/York Hospital Imaging Center, Radiography Program  
Suite 101  
York, PA 17403  
M – F 8-4  
717-851-3119

Amy Smith, B.S., R.T.(R)(M)  
Clinical Instructor

**Class Location:**

WellSpan/York Hospital Imaging Center, Radiography Program  
Suite 101

York, PA 17403

**Office Location:**

WellSpan/Gettysburg Hospital Imaging Department  
147 Gettys Street  
Gettysburg, PA 17325  
M – F 8-4  
717-338-3252

Dina Miller B.S., R.T. (R)(M)  
Clinical Instructor

**Class Location:**

WellSpan/York Hospital Imaging Center, Radiography Program  
Suite 101

York, PA 17403

**Office Location:**

York Hospital, Allied Health Department  
1001 South George Street

Revised 9/18  
York, PA 17403  
M – F 7-3  
717-851-2943

Lisa Moore R.T.(R)(CT)  
Adjunct Faculty Didactic Instructor

Andrea Warner, R.N  
Adjunct Didactic Instructor

### **York College's Radiography Program Coordinator**

Elizabeth Hodgson, M.S.  
York College of Pennsylvania  
[ehodgson@ycp.edu](mailto:ehodgson@ycp.edu)

### **Bloomsburg University Allied Health Program Coordinator**

Dr. Judith Kipe-Nolt  
Bloomsburg University  
[jkipenol@bloomu.edu](mailto:jkipenol@bloomu.edu) 570.389.4319

### **Gwynedd Mercy University**

Joy Fox, BS, RT(R)(M)(QM)(CT)  
Gwynedd Mercy University  
[fox.j@gmercyu.edu](mailto:fox.j@gmercyu.edu) 215.542.4654

## **Program Fees and Expenses**

### **Tuition**

- Non-refundable application fee - \$35.00 dollars
- Lab fees (which includes tuition, activity, and graduation fees) - \$21,000.00 total paid in installments each semester

### **Text Books**

- Book fees - approximately \$1,500.00

### **Uniforms**

- All students are required to wear uniforms. The required uniforms will be purchased separately by the student. Specific details are given upon acceptance.

### **Financial Aid**

- WellSpan Health Radiography Program does not participate in Title IV Financial Aid and Federal financial aid is not available. Accepted applicants are responsible for satisfying tuition and other fees associated with the educational program.

### **Personal Medical Insurance**

- Enrolled students are required to carry personal medical insurance with a carrier of their choice.

## Program Fees and Expenses Cont'd

### Additional Admission Fees

- Pre-admission health screen and drug/nicotine testing
- Pre-admission child abuse and fingerprint clearances
- Professional Liability Insurance. The student must carry liability malpractice insurance, at his/her own expense, unless such coverage is provided by the College. The limits of the policy shall be a minimum of \$1,000,000 per claim and an aggregate of \$3,000,000 per occurrence. This policy must remain in full force and effect for the duration of the Program, and proof of coverage must be provided.

Students are responsible for all costs associated with semester enrollment. Radiography program transcripts and certificate of completion will be withheld until all financial obligations to the program are met. If a student does not receive their certificate of program completion, he or she is not released from the program and cannot sit for the national registry exam administered by the American Registry of Radiologic Technology.

- \* **The listed fees and expenses are subject to change. Please call the program to confirm current costs.**

## Program Completion

### Graduate Eligibility

Those graduating in January 2015 and beyond will not be eligible to sit for the national registry exam administered by the ARRT without an associate degree or higher.

The degree does not need to be health care related; however, WellSpan's Radiography Program has listed several prerequisite requirements for program entrance. In addition, the program will only accept regionally accredited college degrees and credits, such as, Middle State Association of Colleges and Schools, New England Association of Colleges and Schools, North Central Association of Colleges and Schools, Northwest Association of Schools and Colleges, Southern Association of Colleges and Schools, and Western Association of Schools and Colleges.

### Program Prerequisites

Students enrolled are required to have an associate's degree of higher or be eligible to receive an associate's degree or higher upon completion of the program.

Students are required to meet the program's prerequisites, which include Mathematical Logical Reasoning (College Algebra or higher), Written/Oral Communication, Human Anatomy and Physiology I (4 credit course minimum), Human Anatomy and Physiology II (4 credit course minimum) **A&P I & II must be completed at the same college institution**, and Medical Terminology (1 credit course minimum or certificate).

### College Course Selection

College classes must be chosen from the following list to satisfy the program’s prerequisite requirements. Program enrollment is contingent on passing all required courses with a 2.0 “C” or greater.

<b>Enrollment</b>	<b>Requirements</b>
Mathematical Logical Reasoning	<b>3 credit minimum PREREQUISITE “College Algebra” course or higher</b>
Written/Oral Communication	<b>3 credit minimum PREREQUISITE</b>
Natural Sciences (A&P I, II with Lab)	<b>8 credit minimum PREREQUISITE (A&amp;P II may be completed spring semester of enrollment year)</b>
Medical Terminology	<b>1 credit minimum or Certificate PREREQUISITE</b>

- **Students must have an associate degree or higher or be eligible to receive an associate’s degree or higher upon completion of the program.**
- **Students may achieve program prerequisite and degree requirements through a Regional Accredited College, such as, Middle State Association of Colleges and Schools**



## Program Resources and Outcomes

### Student Resources and Services

The program has support services and resources to meet its educational program and administration requirements.

<i>Resources/Service</i>	<i>Support</i>
<p><b>Library/Research Center</b>                      The library is open Monday through Friday, 7:30 a.m. to 4:30 p.m. The Reference Room, adjacent to the main library, is accessible 24 hours a day to hospital staff.</p>	<p>Library purchases, research, computer, and internet capabilities</p>
<p><b>Planning/Marketing</b></p>	<p>Copies material and publishes program material</p>
<p><b>Computer Laboratory Classroom/Hospital</b>                      Classroom hours: M-F 8-4</p>	<p>E-mail, internet, computers access; faculty and students have access to instructional resources and educational information from any computer within the organization; Computers can be used to review learned material</p>
<p><b>Employee Health Services</b>                      Hours of operation: M – F 7-4                      YH: 717 851-2909                      GH: 717 337-4289</p>	<p>Health maintenance programs and referral to local health care providers</p>
<p><b>Employee Assistance Program (EAP)</b>                      Office hours vary                      Phone number varies on location</p>	<p>Provides counseling to students or faculty if necessary</p>
<p><b>Educational Seminars/Registry Exam</b>                      The program purchases online registry review material for each student 6 m before graduation</p>	<p>Provides education for faculty and learning opportunities for students and faculty</p>
<p><b>Additional reference and review books</b></p>	<p>Improves faculty and students education</p>

## WellSpan Health Radiography Program Program Effectiveness

### Program Completion Rate /Program's Annual Benchmark 80%

<b>5 Year Average 2012-2016</b>	<b>82%</b>	
<b>Graduate Year</b>	<b>Students</b>	<b>Average</b>
<b>2018</b>	<b>12/13</b>	<b>92% (data not entered in average at this time)</b>
<b>2017</b>	<b>11/13</b>	<b>85%</b>
<b>2016</b>	<b>11/13</b>	<b>85%</b>
<b>2015</b>	<b>7/7</b>	<b>100%</b>
<b>2014</b>	<b>9/12</b>	<b>75%</b>
<b>2013</b>	<b>8/9</b>	<b>89%</b>
<b>5 year avg.</b>	<b>46/54</b>	<b>85% (2013 – 2017)</b>

- Class of 2017 – 1 student withdrew for personal reasons, 1 student withdrew to pursue another career path (unknown)
- Class of 2016 – 1 student withdrew to pursue another career path (Nursing), 1 withdrew due to long commute
- Class of 2015 – 1 student academic w/d but 1 student returned to complete program after a medical leave
- Class of 2014 – 1 student withdrew within orientation period (first 5 weeks) for personal reasons. Returned to Boston. Not part of total enrollment number  
2 students withdrew to pursue other educational programs (withdrew 2<sup>nd</sup> sem)  
1 student LOA 4<sup>th</sup> semester returned to complete program and graduate 2015
- Class of 2013 – 1 student withdrew for personal reasons

### ARRT Exam Pass Rate (1<sup>st</sup> attempt)

<b>5 Year Average 2012-2016</b>	<b>100%</b>	
<b>Graduate Year</b>	<b>Students</b>	<b>Average</b>
<b>2018</b>	<b>11/12</b>	<b>92% (data not entered in average at this time)</b>
<b>2017</b>	<b>11/11</b>	<b>100%</b>
<b>2016</b>	<b>11/11</b>	<b>100%</b>
<b>2015</b>	<b>7/7</b>	<b>100%</b>
<b>2014</b>	<b>9/9</b>	<b>100%</b>
<b>2013</b>	<b>8/8</b>	<b>100%</b>
<b>5 year avg.</b>	<b>46/46</b>	<b>100%% (2013-2017)</b>

### Average Employment Rate 12 Months Post Graduation

- \*results based on graduate surveys
- \*results based on common knowledge
- \*results based on those actively seeking employment
- \*results based on those not actively seeking employment –
  1. Graduate fails to communicate with program officials regarding employment status after multiple attempts
  2. Graduate unwilling to seek employment that requires relocation
  3. Graduate unwilling to accept employment due to salary or hours
  4. Graduate on active duty
  5. Graduate continuing education

<b>5 year Average Graduate Years 2013-2017</b>	<b>42/42</b>	<b>100%</b>
<b>2017</b>	<b>11/11 (within 12 m) – 100%</b>	
	<ul style="list-style-type: none"> <li>• 8/11 graduates employed as R.T. for WellSpan</li> <li>• 1/11 notified by graduate evaluation of employment</li> <li>• 2/11 notified program by e-mail and/or phone</li> </ul>	
<b>2016</b>	<b>11/11 (within 6 m) – 100%</b>	
	<ul style="list-style-type: none"> <li>• 11/11 Graduates employed as R.T. within 6 months</li> <li>• 5/11 Graduates work for WellSpan organization</li> <li>• 6/11 contacted the program by phone or e-mail to notify program of employment</li> </ul>	
<b>2015</b>	<b>6/6</b>	<b>100%</b>
	<ul style="list-style-type: none"> <li>• 7 Graduates total – 6 known employment (employment verification complete) – 1 not actively seeking</li> <li>• 5 (returned graduate survey with R.T. employment)</li> <li>• 1 (known employment through common knowledge/ employer survey)</li> </ul>	

Revised 9/18

- 1 (not actively seeking employment: graduate fails to communicate with officials after multiple attempts)
- |             |            |             |
|-------------|------------|-------------|
| <b>2014</b> | <b>8/8</b> | <b>100%</b> |
|-------------|------------|-------------|
- All graduates seeking employment were employed within 9 months post-graduation
  - 1 graduate continued education
- |             |            |             |
|-------------|------------|-------------|
| <b>2013</b> | <b>6/6</b> | <b>100%</b> |
|-------------|------------|-------------|
- 6/8 actively seeking employment
  - 6/8 graduates employed within 12 months post-graduation
  - 2/8 continued formal education not actively seeking employment

## Professional Development

WellSpan’s Health Organization offers a variety and continual opportunities for imaging professional career development. Mammography, computed tomography, magnetic resonance imaging, nuclear medicine, radiation oncology, ultrasound, cardiovascular imaging, and interventional radiography are areas of professional career development available to general radiographers. Students enrolled in the radiography program will have the opportunity to observe many of these specialized areas. If a radiography program graduate wishes to enter one of these specialized areas, additional education and/or job training will be required.

## Program Policies and Procedures

The program’s Policies and Procedures are available on our website: [www.wellspan.org](http://www.wellspan.org). Select Medical Professions tab (top of screen) – Select Allied Health Program (top of screen).

Radiography students must abide by all policies and procedures established by the Radiography Program, Allied Health Department, Imaging Departments, and WellSpan Organization.

## Application for Admission

The program’s Application for Admission is available and can be downloaded from our website: [www.wellspan.org](http://www.wellspan.org). Select Medical Professions tab (top of screen) – Select Allied Health Program (top of screen).

For those interested in applying to the radiography program without internet access, please contact the program by calling: 717 812-3599. Please leave a voicemail message with name, mailing address, and proper spelling.