

Original: Mod.: X Date: 8/14/17 NOTE: Program approved through 6/26/18. Training Program Name Change. Tuition increase.

- Students entering program must have an Associate's Degree or higher and all prerequisite courses.
- Candidates are carefully screened. Acceptance into program is very selective.



RECRUITMENT AND REFERRAL FORM

WIOA ITA Program

Program: Radiography Program

Program Provider: Mercyhealth Hospital School of Radiography (formerly RMH) **FEIN:** 36-2167847

Address: 2400 North Rockton Avenue
Rockford, IL 61103

Telephone: 815/971-5480

Fax: 815/971-9465

Training Site Address: (Same)

Contact Person: Pat Griesman, Program Director, 815/971-5840

Email: pgriesman@rhsnet.org

Activity Name: Occ. Class. Training (Adult & DW)

Program: Training Services

Provider Code: 2004-523

Agreement Start Date: 5/2/05

CIP Code: 510907

O*Net Code: 292034

Session Dates or Open Entry-Open Exit: Call

Average Time to Complete Program/Certificate/Degree: Certificate - License - Two year program
(Students must complete required RVC courses before beginning training at Mercyhealth Hospital)

Last Day Program Will Accept Referrals: Call

Program Description: Program trains students to become radiographers

Program Goals: Upon completion of the training, the student will be able to do the following:

- Demonstrate the knowledge, skills and values of a radiographer
- Produce quality diagnostic film; perform appropriate patient care techniques
- Communicate effectively with the patient
- Display professional judgment
- Demonstrate critical thinking and problem solving skills

Expected Outcome: Employment as a radiographer

Program Schedule: No. of Participants: -- Total: -- Per Session: -- Age: -- Math Level: -- Reading Level:
Other: High School or GED & Associate Degree or two years of college; plus all prereqs.

Referral Procedures: Call Pat Griesman, 815/971-5840 or e-mail pgriesman@mhemail.org.

Costs: See Attached

Authorization: The Workforce Connection, Inc.

R&R prepared by Valerie Johnson, TWC Planning & Quality Assurance Manager.

Rock River Training Corporation (RRTC) is the fiscal agent for WIOA programming approved by TWC.

PROGRAMS APPROVED FOR FUNDING AND COSTS

**Programs Approved for Funding
and
Tuition and Fees and Other Required Expenses for Approved Programs**

TWC will pay for required books and supplies for courses in approved programs.

All programs are approved for both WIOA and TAA participants

Provider: Mercyhealth Hospital School of Radiography

Specific Programs/Credential/CIP code

Tuition Costs and Fees

Supplies

PROGRAM CERTIFIED UNTIL JUNE 26, 2018:

Program – Credential	CIP	O*Net Code and Name
Radiography Program (Diploma) ARRT exam/IL License	510907	292034 Radiologic Technologists and Technicians

Tuition: \$1,500/semester

(no longer a residency requirement)

\$6,000 for total program (4 semesters)

***Books:** Approximately \$900

Other expenses: (Uniforms, shoes, and other supplies): approximately \$500

Registry Exam: (taken after program completion): \$200

* Use the book order form. Accounting has form.

Note: There is also a \$120 state licensure fee (amount subject to change) for Mercyhealth Hospital radiography graduates. Get details regarding this from participant –*Training Related* cost.

Effective with January 2015:

The associate degree requirement was implemented for students to qualify to take the American Registry of Radiologic Technologists (ARRT) exam as of January 2015. Therefore, Mercyhealth Hospital School of Radiography requires **an associate degree or higher prior to begin the program**. The pre-requisites must also be completed as part of the degree or, if not taken at the time of degree completion, must be in addition to the degree.

2017 REFUND POLICY

If a student officially withdraws or is dismissed from the school, the student is entitled to a refund according to the schedule below:

- **During the first five days of the semester – 75 percent**
- **Days six to ten of the semester – 50 percent**
- **Days 11 to 15 of the semester – 25 percent**
- **After day 16 of the semester – No refund**

Mercyhealth Hospital School of Radiography

Radiology

In 1885, Wilhelm Conrad Roentgen discovered a "new kind of ray" which he called X-rays. Since that time, X-rays have been one of our most valuable medical tools in diagnosing disease, broken bones, suspected tumors and other serious physical conditions difficult to identify and treat without "seeing them."

A CAREER IN RADIOGRAPHY

The people who operate radiographic equipment are called radiographers. They are not to be confused with radiologists - physicians who specialize in the interpretation of radiographs.

Most radiographers operate equipment that is used for diagnostic imaging: X-ray machines, fluoroscopes, computed tomography (CT) scanners, and magnetic resonance imaging (MRI), for example.

In addition to the duties of preparing patients and operating equipment, radiographers may have administrative tasks. They may prepare work schedules, evaluate equipment, and often determine optimum radiographic quality. The radiographer must be able to recognize emergency patient care situations and begin life-saving first aid when necessary.

Radiographers generally work a 40-hour week that may include evening, weekend, holiday or on-call hours. Many radiographers also work part-time. Radiography jobs are in hospitals, physicians' offices, clinics and laboratories. While job prospects are expected to be good overall, some areas offer better opportunities than others.

Starting salaries for radiographers average about \$40,000 a year. Experienced radiographers average between \$50,000 and \$55,000 yearly. Technologists with specialized skills in ultrasound, nuclear medicine and radiation therapy earn more.

In the Late 1940's, Rockford Memorial Hospital established a program to educate the students in the field of radiologic technology. In 2016, the program changed its name to Mercyhealth Hospital School of Radiography. The 24 month education offered by the School of Radiography can provide a solid basis for an exciting and rewarding health care career.

The current program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). Graduates are eligible to apply for admission to the certification exam administered by the American Registry of Radiologic Technologists (ARRT).

Throughout the program the student spends 40 hours each week in the classroom and clinical settings. The program consists of lectures, demonstrations and supervised experience.

When not in class, the student spends time in the clinical setting, working with staff radiographers and radiologists in the performance of various radiologic procedures. Gradually increasing responsibilities are assigned to students as they gain competence.

The day-to-day schedule of the student varies to include week-end, evening, and night time. The program involves study and class preparation beyond the 40-hour week.

The program is a stepping stone to various other specializations such as radiation therapy, nuclear medicine and ultrasound, each of which requires at least a year of additional schooling.



CLINICAL EDUCATION

Students participate in different types of imaging by scheduled rotations through the appropriate areas in the radiology department. The students' clinical education may include rotations through some of the following areas: radiation therapy, nuclear medicine, ultrasound, mammography, magnetic resonance imaging, catheterization lab and computerized tomography.

These departments and services are equipped with a variety of imaging equipment which incorporates the newest technology available. The departments are staffed by registered technologists and radiologists who provide the student with excellent educational supervision.

PROGRAM GOALS

The students will be clinically competent.

Learning outcomes:

- Students will demonstrate appropriate positioning skills.
- Students will choose appropriate technical factors.
- Students will employ radiation protection for the patient, themselves and others.

The students will communicate effectively with the patients and healthcare workers.

Learning outcomes:

- Students will instruct patient correctly/utilizing oral communication
- Students will interpret and relay requisition information in PACS/utilizing written communication.

The students will display professional judgment and values.

Learning outcomes:

- Students will insure patient privacy and modesty.
- Students will participate in the community.
- Students will be aware of the value of life-long learning.

The students will be able to demonstrate critical thinking and problem solving skills.

Learning outcomes:

- Students will modify routine procedures for non-routine patients.
- Students will critique images to determine if corrective action is required.
- Under direct supervision the student will apply corrective action(s) to those images necessary.

MISSION STATEMENT

Mercyhealth Hospital School of Radiography is dedicated to supplying our students and the communities of interest, with a radiography program designed to provide education in the imaging sciences. This will be accomplished through required didactic and clinical experiences that a Level I Trauma Center can provide. We are further dedicated to graduating radiographers with the knowledge and clinical experiences to succeed in their endeavors to successfully complete the ARRT exam and secure employment.

ADMISSION

A student radiographer must be a mature, dependable person, who is "people-oriented" and genuinely interested in helping the sick and disabled.

The school selects students whose qualifications indicate the greatest potential for professional and personal development. Applications are evaluated on the same basis regardless of age, sex, race, religion, national origin, marital status or handicap. 6 pre-requisite classes must be completed.

ADMISSION POLICY

The program begins the last Monday in June yearly. Application deadline March 15 for the class beginning in June.

Any person desiring to enroll in the Mercyhealth Hospital School of Radiography is required to submit the following to the program director:

- an application with a \$15 non-refundable fee; make checks payable to Mercyhealth Hospital
- two letters of reference;
- copies of College transcripts with pre-requisites completed with a 'C' or better and evidence of an associate degree or higher.

Early application is encouraged as the date of receipt may be a determining factor among equally qualified* applicants. Applicants are sent a notice of receipt of application. In January the applicant will receive notification of file status (ie. does file include all necessary items), a notice to sign up to take the

aptitude test and an explanation of the aptitude test with sample questions. **There is a \$20 fee for the aptitude test.** After testing is completed, the applicant will be scheduled for an interview. If the student has not met the minimum point value to receive an interview they will be sent a letter of rejection and cancellation of their interview (minimum point value to receive an interview is 30 percentile or above on both the academic aptitude and reading comprehension sections of the aptitude test).

During the interview process, applicants will spend the morning observing the radiology department and will be interviewed at the end of the morning. During the interview, each applicant is asked the same questions and is evaluated by the interviewers. The applicant is encouraged to ask questions.

After interviews have been completed, the class is chosen from the applicants based on the following criteria:

- GPA in the pre-requisite courses
- Aptitude test score
- Interview score, and
- 5 points are given to re-applicants

Each criterion is assigned a specific point value. In order to be considered for admission the minimum total number of points earned by the applicant is 66/71. The students with the highest point totals are accepted into the program. **(Up to 10 applicants will be accepted into the program).** The remaining candidates with an acceptable point total are selected as alternates in decreasing point value up to 5 alternate positions (ie. 1st alternate highest number of points). If one of the accepted students decides not to enter the program after they have been notified, but before the start of the program, the alternate will be notified of the available class position. Alternates not accepted, and previous year's applicants are notified the following year at the beginning of the selection process and are informed of the steps to reapply.

Applications are accepted year round. Courses need not be completed to apply but must be completed to be admitted to the program. Processing begins in late December or early January. **The selection process is normally completed by the end of May, with all grades due by May 25th for the class that begins the last Monday in June, yearly.**

Students will be advised of their admission or non-admission status by mail the first week in June.

Admission to the School of Radiography is conditional upon submitting to and satisfactorily passing a criminal background check, a pre-admission physical exam and screening tests. These are provided at no charge to the student.

***FYI. All applicants must have an Associate Degree or higher with the pre-reqs or in addition to the pre-reqs to enter the program**

HOW TO APPLY

Applications for admission to the Mercyhealth Hospital School of Radiography may be obtained by calling (815) 971-5480 or on the web at www.rockfordhealthsystem.org or by sending a letter addressed to:

Mercy Health Hospital
School of Radiography
2400 North Rockton Avenue
Rockford, Illinois 61103

TUITION AND FEES

Tuition is \$3000 per year.

Other Costs:

- Books approximately \$900 (for the 2 year program)
- Dorm if required \$150 per month (based on availability)
- Uniforms, shoes approximately \$200-\$350 (student choice)

FINANCIAL AID

Limited part-time employment at the hospital and some scholarships may be available. The program does not have a financial aid department but aid may be available by checking the website www.fastweb.com

HEALTH INSURANCE

Not available

Mercyhealth Hospital School of Radiography

PROGRAM LENGTH/ CLINICAL OBLIGATIONS

The Mercyhealth Hospital School of Radiography is a 24 month program - Full time (only) consisting of one week of class and one week of clinical and rotates every other week. With exception of the first month which is strictly classroom. **The program begins the last Monday in June yearly.** There are 4 semesters, each 6 months in length, First semester is from the last Monday in June to December 31. The second semester is January 1 to June 30. The third semester is July 1st to December 31st. The fourth semester is January 1 to Graduation which is the Friday before the last Monday in June. The Program is typically days with the exception of one week clinical rotation on 3-11 p.m. and one week clinical rotation on 11 p.m.-7a.m. Students have clinical experience on Saturdays. Approximately 8-10 per year. There are no off-campus educational locations at this time.

Program academic calendar is subject to change to insure program integrity upon notice to students.

Maximum program length 30 months.

ACCREDITATION

The Mercyhealth Hospital School of Radiography is accredited by:

JRCERT (Joint Review Committee on Education in Radiologic Technology)
20 N. Wacker Drive - Suite 2850
Chicago, Illinois 60606-3182
Phone: (312) 704-5300
Web Site: www.jrcert.org
E-mail: mail@jrcert.org

Pre - Reqs

The following courses **MUST** be taken at Rock Valley College or an alternate similarly accredited college that has courses that answer the same course description as those listed, if you have a question about the college please contact us: **You MAY apply before the courses are completed, provided they are completed with a 'C' or better and grades are received by us BEFORE May 25th prior to the program start date. CLEP courses are accepted and will be given your GPA point total.**

- Biology 185 - Human Anatomy and Physiology or Biology 281 and 282.
- Health Sciences 110 - Medical Terminology
- English 101 - Composition
- Psychology 170 - General Psychology
- Computers 102 - Introduction to Computers and Information Systems
- Math level 100 or higher

Curriculum

FIRST YEAR/FIRST SEMESTER

- Orientation to Program
- Radiation Protection
- Radiographic Anatomy I
- Radiographic Positioning I
- Radiographic Imaging
- Radiographic Technique I
- Introduction to Radiography
- Medical Ethics and Law
- Patient Care
- Radiographic Processing
- Venipuncture/Pharmacology
- Principles in CT
- Image Analysis
- Clinical Education I

FIRST YEAR/SECOND SEMESTER

- Radiographic Anatomy and Positioning - GI/GU
- Radiographic Technique II
- Radiographic Anatomy II
- Radiographic Positioning II
- Related Imaging and Ionizing Modalities I
- Related Imaging and Ionizing Modalities II
- Image Analysis
- Clinical Education II

SECOND YEAR/FIRST SEMESTER

- Radiographic Physics
- Cross-Sectional Anatomy
- Special Procedures
- Pathology
- Radiographic Technique III
- Image Analysis
- Clinical Education III

SECOND YEAR/SECOND SEMESTER

- Radiographic Technique IV
- Radiation Biology
- Quality Assurance
- Registry Review
- Image Analysis
- Clinical Education IV

The curriculum listed above is in order each is taught. Some courses extend into the following semester and some are taught simultaneously.



COURSE DESCRIPTIONS

Orientation to Program and Departmental Policies (5 hours) Review and explanation of all program and departmental policies. Attention is also given to clinical rotations, tuition and dormitory orientation, introduction to departmental personnel and organizational structure.

Patient Care (64 hours) Introduces students to the role of medical/technical specialists in the health care field. Topics include healthcare delivery systems, medical-legal ethics and basic patient care ethics.

Introduction to Radiography (8 hours) Introduces students to the field of Radiology through a brief history of radiography, record keeping and film storage systems. Explanation of accreditation, certification, and licensure

are given. Students are provided with information regarding professional organizations, career opportunities, continuing education, organization and management.

Medical Ethics and Law (6 hours) This course is designed to introduce the student to ethical and legal issues in radiologic technology. Particular attention is given to the patient's rights and privileges within the scope of practice in radiologic technology. Legal and ethical considerations pertinent to radiologic technology are discussed.

Radiographic Imaging (6 hours) Introductory course for the beginning radiography student to establish familiarity with radiographic film and film holders.

Radiographic Technique 1 (12 hours) An introductory course for the beginning radiography student to establish basic comprehension of radiographic technique. Attention is given to contrast, density, definition, and technical factors affecting them.

Radiation Protection (18 hours) An introduction to health physics as it affects radiographers and patients. The course will discuss radiation protection rationale and specific methods for protecting patients and operators from unnecessary exposure to ionizing radiation.

Radiographic Processing Technique (18 hours) A comprehensive course including processing room design and function, film processing, silver reclamation, film storage and handling and film artifacts and their causes.

Radiographic Anatomy 1 (40 hours) A comprehensive discussion of the anatomy and physiology of the thorax and abdominal cavities, and the skeletal system including the upper and lower extremities. Emphasis will be placed on identification of anatomy on radiographs.

Radiographic Positioning 1 (60 hours) A comprehensive discussion of the positions necessary for demonstration of the structures of the chest, abdominal cavity and the upper and lower extremities. Emphasis is placed on the practical aspects of positioning. Discussion will include adaptations of routines in abnormal situations. Discussion of critical thinking and problem solving will be included.

Clinical Education I (500 hours) The first semester will begin with clinical rotations in the following areas: Fluoroscopy, general diagnostic/ER, Surgery and portables, CT, Rockford Clinic, Vascular Interventional and ancillary areas. During the Clinical Education 1 the student will be familiarizing themselves with the computer system, PACS system, the department/room equipment. They will also be demonstrating knowledge of the department work flow and the positions and projections taught in the first semester.

Venipuncture and Pharmacology (12 hours) This unit will provide the student with theory and practice of the basic techniques of venipuncture, the administration of contrast media and or IV medication. This unit will provide the student with a basic understanding of drugs, drug classifications, and other areas describing drugs.

Radiography of the Gastro-intestinal, Biliary and Urinary Systems (84 hours) A study of the radiographic examinations performed for demonstration of the gastrointestinal, biliary and urinary systems. The course includes a comprehensive discussion of the anatomy and physiology of the systems and a detailed outline of the fluoroscopic and radiographic procedures.

Radiographic Anatomy 2 (60 hours) A comprehensive discussion of the anatomy of the bones of the thorax, spine and skull. Emphasis will be placed on identification of anatomy on radiographs. Information learned in this unit will enable the students to understand the anatomical relationship necessary for accurate radiographic positioning.

Radiographic Positioning 2 (60 hours) A comprehensive discussion of the positioning necessary for demonstration of the structures of the bony thorax, spine and skull. Emphasis is placed on the practical aspects of positioning. Discussion will include adaptations of routines in abnormal situations. Discussion of critical thinking and problem solving will be included.

Radiographic Technique 2 (24 hours) A discussion of the basic factors utilized in the formulation of x-ray techniques. Its purpose is to enable the student to use the technique charts effectively and manipulate the exposure factors as the nature of the examination and the patient varies. The student will gain a comprehensive understanding of the appropriate use of radiographic film and intensifying screens.

Clinical Education II (560 hours) The second semester will begin with clinical room rotations in the following areas: Fluoroscopy, General Diagnostic/ER, Surgery and Portables, CT, Rockford Clinic, Vascular Interventional, Rockford Medical Building and Specialized Diagnostic Areas (1 day rotations to select optional rotations)

Related Imaging and Ionizing Modalities 1 (6 hours) A brief discussion of the basic principles of CT, Nuclear Medicine, Radiation Therapy, and Ultrasound. This Course will include comparison of these modalities to routine diagnostic radiography.

Radiographic Technique III (8 hours) This course provides an in depth look at all aspects of digital radiography, with emphasis on DR and CR. The terminology and applications of these image receptors as well as the artifacts and techniques of utilization.

Related Imaging and Ionizing Modalities 2 (10 hours) Performance of at least two case studies on patients observed in the special imaging areas of choice.

Radiographic Physics (130 hours) A discussion of the fundamentals theories of physics, relating primarily to the production and properties of ionizing radiation. The student will gain a basic understanding of the units of measurement, the concept of energy, structure of matter generators and motors, production and properties of ionizing radiation, and x-ray tube and circuitry.

Radiographic Technique 4 (30 hours) A comprehensive study in radiographic technique. This unit is intended to give the student detailed knowledge of the relationships between various factors of radiographic quality. Attention will be given to manipulation of exposure and technical factors and prediction of the outcome.

Special Procedures (60 hours) A study of tomography and special examinations using contrast media and sterile techniques. Each procedure is discussed in terms of anatomy, method of examination, contrast media and positioning.

Image Analysis (54 hours) Discussion of diagnostic films, including technique, contrast, density, positioning and pathology. May be done as a group or individually.

Clinical Education III (560 hours) The third semester will begin with clinical room rotations in the following areas: Fluoroscopy, General Diagnostic Radiography, Surgery/Portables, Emergency Radiography (3-11 & 11-7), Specialized Diagnostic Areas, MRI (optional 1 week rotation), Nuclear Medicine (optional 1 week rotation), Radiation Therapy (optional 1 week rotation), Mammography (optional 1 week rotation), Quality Control (mandatory 1 week rotation), Vascular Interventional (mandatory 1 week rotation), Ultrasound (optional 1 week rotation), Cath Lab (optional 1 week rotation), Rockford Clinic, and CT. During the Clinical Education 3 the student will be further familiarizing themselves with the computer system, PACS system, the department/room equipment. They will also be demonstrating knowledge of the department work flow and the positions and projections taught in the third semester as well as maintaining knowledge from the previous 2 semesters.

Cross-sectional Radiography (20 hours) A self-study exercise in cross-sectional anatomy, with emphasis on its relationship with, cross sectional modalities (ie) Ultrasound, CT, MR.

Radiation Biology (30 hours) A brief discussion of Radiation Biology. Discussion includes the effects of ionizing radiation on cells, tissues, organs and systems of the human body. The student will gain an understanding of the rationale behind radiation protection methods and government regulations.

Pathology (30 hours) A basic study of disease on all its aspects: nature, causes, development and consequences. The disease process will be dealt with according to each of the body systems. Emphasis will be placed on radiographic identification of pathology and its effects on radiographic quality.

Management/Interview Skills Seminar (2 hours) A brief discussion of the manager's role, in the function of a radiology department. This seminar will review basic characteristics of a good manager.

Quality Assurance (20 hours) This unit will provide the student with an introduction to the evaluation of radiographic systems to assure consistency in the production of quality images. The components involved in the radiography system will be identified. Testing devices and procedures to evaluate these components will be discussed. State and Federal impacts will be described.

Principles in Computerized Tomography (10 hours) This course is designed to provide entry level radiography students with principles related to computed tomography imaging.

Clinical Education IV(560 hours) The fourth semester will continue with clinical room rotations in the following areas: Fluoroscopy, General Diagnostic Radiography, Surgery/Portables, Emergency Radiography (3-11 & 11-7 those not completing in 3rd semester), Specialized Diagnostic Areas, MRI (optional 1 week rotation), Nuclear Medicine (optional 1 week rotation), Radiation Therapy (optional 1 week rotation), Mammography (optional 1 week rotation), Quality Control (mandatory 1 week rotation), Vascular Interventional (mandatory 1 week rotation), Ultrasound (optional 1 week rotation), Cath Lab (optional 1 week rotation), Rockford Clinic, and CT. During the Clinical Education 4 the student will be further familiarizing themselves with the computer system, PACS system, the department/room equipment. They will also be demonstrating knowledge of the department work flow and the positions and projections taught in the third semester as well as maintaining knowledge from the previous 3 semesters.

Registry Review Sessions (50 hours) Concentrated review of all pertinent information for successful writing of the national registry examination Radiologic Technologists.

GRADUATION REQUIREMENTS

1. Students must pass all offered courses with a grade of 80% or better over the 24 months. Grades will be based on both clinical and academic performance.

2. Upon successful completion of the full 24 month program, the student will receive a diploma and a pin from the Rockford Memorial School of Radiography.

3. Upon successful completion of the program, the student will be eligible to take the national examination in Radiologic Technology given by the American Registry of Radiologic Technologists.

4. Eligibility of students to take the examination in Radiologic Technology is subject to review by the Director of Radiologic Education and faculty members.

5. Students will not graduate until all outstanding bills are paid to the institution, (ie tuition, book fees etc.)

6. The graduate will provide basic patient care and comfort and anticipate patient needs. The graduate will provide appropriate patient education. This will be accomplished through the successful completion of Patient Care, didactically, and successful completion of Clinical Competency Testing System which will demonstrate this in the clinical setting.

7. The graduate will practice radiation protection for both operator and patient. This will be accomplished through the successful completion of Radiation Protection and Radiation Biology, didactically, clinically through successful completion of the Clinical Competency Testing System.

8. The graduate will understand basic x-ray production and interactions. This will be accomplished through successful completion of Radiation Physics, didactically and clinically by successful completion of the Clinical Competency Testing System.

9. The graduate will operate medical imaging equipment and accessory devices. This will be accomplished through successful completion of the following; Imaging and Technique I, II, and III classes didactically. Clinically this will be accomplished through successful completion of the Clinical Competency Testing System.

10. The graduate will position the patient and medical imaging system to perform examinations and procedures. This is accomplished through successful completion didactically of Positioning I and II and Technique I, II and III. Clinically this will be accomplished through successful completion of the Clinical Competency Testing System.

11. The graduate will exercise independent judgment and discretion in the technical performance of medical imaging procedures. This will be measured by successful completion of Medical Ethics and Law didactically and clinically by the successful completion of the Clinical Competency Testing System.

12. The graduate will demonstrate knowledge of human structures, function and pathology. This will be accomplished through successful completion of Biology 185 and Anatomy I and

Mercyhealth Hospital School of Radiography

II didactically and by successful completion of the Clinical Competency Testing System.

13. The graduate will demonstrate knowledge and skills relating to quality assurance activities. This will be accomplished through successful completion didactically of Quality Assurance and clinically by successful completion of the Clinical Competency Testing System.

14. The graduate will evaluate the performance of medical imaging systems. This will be accomplished by successful completion of Quality Assurance didactically and clinically, by successful completion of QA experiments.

15. The graduate will evaluate medical images for technical quality. This will be accomplished by successful completion clinically of the Quality Control rotation and didactically by the completion of the Film Critique class.

16. The graduate will demonstrate knowledge and skills relating to medical imaging processing. This is accomplished through the successful completion of Radiographic Processing Technique in the didactic setting and clinically by the successful completion of the rotation through Quality Control.

17. The graduate will understand the safe limits of equipment operation. This will be accomplished through successful completion of Radiation Physics, Radiation Biology and Radiation Protection in the didactic setting. Clinically through successful completion of the Clinical Competency Testing System.

18. The student will recognize equipment malfunctions and report them to the proper authorities. Didactically this will be accomplished through successful completion of Radiation Physics and Medical Ethics and Law. Clinically by successful completion of all clinical rotations in diagnostic radiology.

19. The graduate will demonstrate knowledge and skills relating to verbal, nonverbal, and written medical communication in patient care intervention and professional relationships. This is accomplished through the successful completion of Medical Ethics and Law and Health Sciences 102- Medical Terminology. Clinically demonstrated through successful completion of the Clinical Competency Testing System.

20. The graduate will support the professions code of ethics and comply with the profession's scope of practice. This will be demonstrated through successful completion of Medical Ethics and Law didactically and clinically by completion of the Clinical Competency Testing System.

21. The graduate will competently perform a full range of radiologic procedures on children and adults in the following categories: Head/Neck, Abdominal/Gastro-intestinal/Genitourinary, Musculoskeletal, Chest and Breast, Trauma, Bedside, Surgical. This will be demonstrated through successful completion of Positioning I and II in the didactic setting and in the clinical setting by successful completion of the Clinical Competency Testing System.

Course Sequence

The following will list the sequence as well as the length of each course of study.

First year First Semester

	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Orientation to the Program	*						
Radiation Protection	*	*					
Radiographic Anatomy 1	*	*	*	*	*	*	*
Radiographic Positioning 1	*	*	*	*	*	*	*
Radiographic Imaging	*						
Radiographic Technique 1	*						
Introduction to Radiography	*	*					
Medical Ethics and Law		*	*				
Patient Care		*	*	*	*	*	*
Radiographic Processing					*	*	
Venipuncture and Pharmacology					*		
Radiographic Anatomy and Positioning -GI/GU					*	*	
Image Analysis				*	*	*	*
Clinical Education 1		*	*	*	*	*	*
Vacation			*				*

First Year Second Semester

	Jan	Feb	Mar	Apr	May	Jun
Radiographic A&P - GI-GU		*	*			
Radiographic Anatomy 1		*	*	*		
Radiographic Positioning 1		*	*	*		
Technique 2		*	*			
Radiographic Anatomy 2		*	*	*	*	
Radiographic Positioning 2		*	*	*	*	
Imaging and Ionizing 1				*		
Imaging and Ionizing 2				*	*	
Image Analysis	*	*	*	*	*	*
Clinical Education 2	*	*	*	*	*	*
Vacation			*			*

Second Year First Semester

	Jul	Aug	Sep	Oct	Nov	Dec
Imaging and Ionizing 2	*	*	*			
Radiographic Positioning 2	*	*	*	*	*	*
Radiographic Physics	*	*	*	*	*	*
Cross-Sectional Anatomy	*	*	*	*	*	*
Special Procedures		*				
Technique 3			*			
Pathology				*	*	*
Image Analysis	*	*	*	*	*	*
Clinical Education 3	*	*	*	*	*	*
Vacation		*	*			

Second Year Second Semester

	Jan	Feb	Mar	Apr	May	Jun
Radiographic Physics	*	*	*	*	*	*
Technique 4		*	*			
Radiation Biology			*	*	*	*
Quality Assurance			*			
Registry Review			*	*		
Image Analysis	*	*	*	*	*	*
Clinical Education 4	*	*	*	*	*	*
Vacation	*		*			

c. If the student fails to raise all course grades to the required 80% by the end of the probation period, the student will be requested to withdraw from the program.

Clinical grades are based on the following:

a. The clinical competency testing average and the practical examination average added together for one percentage.

b. The affective domain and the semester clinical evaluation average added together for one percentage.

c. The final percentage is the clinical evaluation average (performed by the clinical instructor).

These 3 percentages are added together and averaged to achieve the semester clinical grade.

TRANSFER STUDENT POLICY

It is the policy of Mercy Health Hospital School of Radiography that transfer students are not accepted.

REFUND POLICY

If a student officially withdraws or is dismissed from the school, the student is entitled to a refund according to the schedule below:

- During the first five days of the semester - 75 percent
- Days six to ten of the semester - 50 percent
- Days 11 to 15 of the semester - 25 percent
- After day 16 of the semester - No refund

STUDENT SERVICES

All students are under the same umbrella as Mercy Health System employees, which entitles them to the following: food discounts, employee assistance program, reasonable accommodations for disabilities, occupational health, discounts and special offers by the Human Resource Department and on-campus housing.

*The school selects students whose qualifications indicate the greatest potential for professional and personal

GRADING SYSTEM/ ACADEMIC POLICIES

Didactic grading is based on the following scale:

- 100%-94% - A
- 93%-87% - B
- 86%-80% - C

Students academic and clinical performance will be evaluated at the end of each semester as a scheduled appointment. Evaluation in both the classroom and clinical setting is ongoing for the entire length of the program. To remain in good standing; all academic and clinical grades must be 80% better on a 100% scale.

If a student fails to achieve an 80% in either academic or clinical performances, the following will be instituted:

a. Probation for three months during which time each of the student's courses must be raised to an 80% in both clinical and academic areas.

b. During the probationary period, the student will be given additional instruction in problem areas.

development. Applications are reviewed on the same basis regardless of age, sex, race, religion, national origin, marital status, or handicap

GUIDANCE

Counseling services are available for students needing them. The staff of the Employee Assistance Program will refer or suggest to the student a suitable counselor in the immediate vicinity of the hospital. Students are responsible for all expenses incurred as a result of the referral. The Employee Assistance Program is available to students with the same guidelines as employees.

STUDENT PREGNANCY POLICY

1. If the student chooses she may voluntarily inform the Program Director of her pregnancy, it must be in writing, indicating the expected date of confinement. (delivery) *Without written disclosure a student cannot be considered pregnant.*

2. If the student chooses, after voluntarily informing the Program Director in writing of her pregnancy, she may in writing voluntarily withdraw that declaration. *With this written withdrawal of declaration the student will NOT be considered pregnant.*

3. Once the student has disclosed her pregnancy she has the following options:

1. continue the educational program without modification or interruption
2. modification of clinical assignments (areas to be made up after delivery)
3. leave of absence from clinical
4. leave of absence from the program

4. Any injury or illness associated with the pregnancy at any time in the pregnancy will be accepted at the students own risk.

5 The student may not return to school post delivery without

prior written approval of her physician.

6. Any Clinical and Classroom assignments missed prior to and post delivery will be made up at the discretion of the Program Director.

7. The student must read a copy of the Nuclear Regulatory Guide 8.13, and order a fetal dose monitor film badge (order forms available from the Control Personnel in the department or the Radiation Safety Officer or Program Director)



VACATIONS AND HOLIDAYS

The student is given six holidays each year and they are as follows: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving, and Christmas. Dates are dependent on sponsoring institutions holiday schedule dates. The student is granted one (8 hour) personal day each year. Each student is also scheduled for eight weeks vacation during the 24 month program. One week vacation each season. Fall, Winter, Spring, Summer, Summer, Fall, Winter, Spring. These dates are floating and are agreed upon by a consensus of the students.

RECORDS AND RELEASE OF INFORMATION

1. The release of information to and about students is in conformance with the Family Educational Rights and Privacy Act, as amended in 1974.

2. Records of each student's grades are maintained in their file. At each semester evaluation the student is shown his/her records to date and

given a personal copy. At the completion of the program each student will be issued one transcript of his/her academic and clinical performance.

3. Any information concerning the student's academic or clinical performance is confidential. Authorization for release of any information must be made in writing by the student or graduate to the Program Director.

PROGRAM EFFECTIVENESS DATA

2016 Year

5 Year Data 2012-2016

Program Completion Rate 2016 - 100%

8 students began program/8 students completed

Program Completion Rate 5 yr- 90%

42 students began program/4 students withdrew from the program/38 completed

Registry Exam Pass Rate 2016 - 100%

8 students took exam/8 students passed on first attempt

Registry Exam 5 yr Pass Rate - 100%

38 students took exam/38 students passed on first attempt

Job Placement 2016 - 100%

7 students actively seeking employment/7 employed in the radiologic sciences

Job Placement 5 yr - 100%

35 students actively seeking employment /35 employed in the radiologic sciences

Program Effectiveness Data also available at the website of our accrediting body The JRCERT at www.jrcert.org

FACULTY

Program Director:

Patricia Griesman, M.S., R.T.

Clinical Instructor:

Bethany Preiss, R.T.



If you have any further questions or you desire an application, please contact the Program Director at (815)971-5480 or pgriesman@mhemail.org