

SCHOOL OF RADIOLOGIC SCIENCES

MISSION STATEMENT

St. James Mercy Hospital School of Radiologic Sciences enables students to become competent, efficient and caring radiographers. The School of Radiologic Sciences has the primary responsibility to ensure that the student has acquired the positive characteristics of dedication to duty, quality care, teamwork, and high ethical standards as they relate to the patient, their families, physicians and other health care providers. The School embraces the Mission and Core Values of St. James Mercy Health in its education of the students enrolled in the program.

GOALS

1. To develop competent practitioners capable of functioning in the highly technical and dynamic field of Radiologic Technology
2. To develop competent practitioners who demonstrate proficiency in communication skills
3. To develop competent practitioners who demonstrate proficiency in critical thinking skills and problem solving skills
4. To develop practitioners who model professionalism

ARTICULATION AGREEMENT

An articulation agreement has been completed with Alfred State College. An Associate Degree in Independent Studies can be completed with an additional one (1) year of study at Alfred State College. While Alfred State College will work together with the student to secure the current American Society of Radiologic Technologists 2007 Radiography curriculum's graduation, these requirements can be fulfilled by submitting transcripts for review from all accredited colleges.

CLINICAL AFFILIATION

In addition to the classroom education that takes place at St. James Mercy Hospital in Hornell, students are provided with several options for their clinical experience. There are currently five clinical sites which include St. James Mercy Hospital in Hornell, New York; Jones Memorial Hospital in Wellsville, New York, Nicholas Noyes Memorial Hospital in Dansville, New York, Bath Veterans Medical Center in Bath, New York and Olean General Hospital in Olean, New York.

Students Right to Know Campus Security Act

The School of Radiologic Sciences complies data in compliance with Public Law 101-542 as follows:

Year	2006	2007	2008	2009	2010
Incident					
Murder	0	0	0	0	0
Rape	0	0	0	0	0
Aggravated Assault	0	0	0	0	0
Burglary	0	0	0	1	0
Motor Vehicle Theft	0	0	0	0	0
Liquor Law Violation	0	0	0	0	0
Drug Abuse Violations	0	0	0	0	0
Weapons Possessions	0	0	0	0	0

Policies and procedures regarding reporting on campus criminal actions or other emergencies, campus law enforcement, type and frequency of student informational programs are published in the St. James Mercy Health System Security Manual and are available upon request.

Many local organizations offer cultural, educational and social events to the residents of the area. Alfred University and SUNY at Alfred are two local academic centers which provide many opportunities for the community.

For application and information, send inquiries to:
SJMHS School of Radiologic Science
411 Canisteo Street
Hornell, New York, 14843
lfreelan@sjmh.org

***“I DID NOT THINK:
I INVESTIGATED.”***

Wilhelm Konrad Roentgen

The Profession

Radiologic Technologists are professionals who operate radiographic equipment and utilizes ionizing radiation for the production of medical diagnostic images. As a member of the Allied Health Professionals, a radiographer is required to have specific knowledge and skills to aid in the care and diagnosis of the patient. To acquire the needed knowledge and skills, the Radiologic Technologist must have a firm foundation in the physical, biologic and social sciences, as well as the technical skills related to the profession.

St. James Mercy Hospital School of Radiologic Science is:

Accredited by:
Joint Review Committee on Education in Radiologic
Technology - JRCERT
20 North Wacker Drive, Suite 2850
Chicago, Illinois, 60606-3182
Phone: (312) 707-5300, FAX 312-704-5304
Email: www.jrcert.org.

Registered by:
New York State Department of Health Bureau of
Environmental Radiation Protection
547 River Street Room 530
Troy, New York, 12180-2216
Phone: (518) 402-7580

THE SCHOOL

The School of Radiologic Science at St. James Mercy Hospital was organized under the direction of Dr. William J. MacFarland and accepted its first student in 1949. In 1951, the American Medical Association Council on Medical Education and Hospitals voted to extend approval for the school to education X-ray personnel. Since that time, the School has continuously expanded its curriculum, courses and clinical education in order to keep abreast with advances in the profession.

Currently, the School of Radiologic Sciences accepts sixteen students per year for a total of thirty-two students. Because of the small class size, students are afforded the unique opportunity to interact closely with their instructors in both the didactic and clinical education settings

The School prepares students to become qualified radiographers, able to assume responsible positions in diagnostic radiography. The patient and the medical profession rely on the mature judgment, knowledge and skill of the radiographer to operate the complex equipment safely and effectively.

The Program is two years in length, with a Fall and Spring Semester in each year. The passing grade for the Program is 78. Upon graduation from the School of Radiologic Sciences, students are eligible to sit for the national certification examination, which is administered by the American Registry of Radiologic Technologists. This examination also serves as the New York State licensing exam. A grade of 75 is needed to pass the examination and received certification and licensure.

Year	# of Students Enrolled	Statistics		
		Retention Rate	ARRT Passing Rate	Employment Rate
2003	14	78.5%	100%	100%
2004	16	62.5%	100%	100%
2005	16	80.0%	91.6%	100%
2006	16	68.7%	91.2%	100%
2007	15	100.0%	94%	100%
2008	13	100.0%	93.3%	100%
2009	14	85.7%	92.8%	75% at 6 months post graduation
2010	13	85.7%	100%	80% at 6 months post graduation

Five Year Retention Rate	88.02%
Five Year ARRT Passing Rate (on first attempt)	94.26%
Five Year Employment Rate six months post grad.	91.00%

Accreditation

The School of Radiologic Science is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). In order to be eligible for the ARRT certification examination, students must graduate from an accredited program on instruction. By maintaining JRCERT accreditation, graduates are eligible to apply for admission to the certification exam administered by the American Registry of Radiologic Technologists and to apply for Federal Financial Aid.

Certification

Year	Award
1988	5 years (Maximum Award)
1993	5 years (Maximum Award)
1998	8 years (Maximum Award)
2007	

The School of Radiologic Sciences is also certified by the New York State Department of Health. Graduates are eligible for a New York State Diagnostic Radiography License upon successful completion of the American Registry of Radiologic Technologists certification Examination.

GENERAL INFORMATION

Minimum Requirements:

Age: The applicant must be at least eighteen years of age at the time of matriculation.

Academic Preparation:

*High School Diploma or GED; a cumulative average of 75% or a 2.5 GPA must be demonstrated. High school education should include 4 years of English, 2 years of Math and 1 year of Biology

***15 credits of post secondary education**

3 credits of college Math (can be basic math or prep course)

3 credits of college composition or literature

9 credits liberal arts electives (psychology, sociology, history, science)

*College transcripts must be forwarded to Program.

Additional Admissions Requirements

Conviction of Misdemeanor or Felony

In order to be a candidate for certification by the ARRT and licensure by the New York State Department of Health any prospective student must report on the application any:

- *a plea of guilty * a plea of nolo contendere
- *a military court-martial * withheld or deferred adjudication
- * suspended or stay of sentence

Misdemeanor charges that occurred while a juvenile and that were processed as a juvenile do not have to be reported. Misdemeanor speeding convictions do not have to be reported, unless they are related to alcohol or drug use. Students failing to report misdemeanor or felony convictions on the application will be excluded from matriculation or dismissed from the program.

Observation and Interview Days

In order for the candidate to gain a more thorough perspective of the field of radiography, prospective students will be scheduled for an observation day at the clinical setting at St. James Mercy Health. Participation in this day is mandatory for admission into the Program. At this time, the prospective student will review the School of Radiologic Science Policy and Procedure Manual - the Student Guidebook, sign a confidentiality statement and be assessed on the Technical Standards for admission.

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 and are required in order to provide adequate patient care and safety and to produce a diagnostic radiograph,

The applicant should have the:

- *Ability to reach and position patients on the imaging table with reasonable accommodation, if necessary.
- *Ability to move, adjust, manipulate equipment to perform imaging procedures with reasonable accommodation, if necessary.
- *Ability to visually review and evaluate the recorded images to determine the quality of the image.
- *Ability to communicate effectively with patients, physicians
- *Ability to make proper decisions involving patient and co-worker safety.
- *Ability to hear sounds which are necessary to assess a patient's health status with reasonable accommodation, if necessary.

Communication Skills

The qualified prospective student must possess effective verbal and written communication skills. These skills can be demonstrated by a clearly written application paragraph, an clearly written observation day paragraph and well thought-out responses to the interview questions.

The Interview

An interview will be scheduled with all qualified applicants following the submission of all application materials. Participation in the Interview is mandatory for admission into the Program.

Admission Committee

The admission committee endeavors to select those candidates who demonstrate the skills necessary to become an excellent practitioner in radiography.

Admission Process

Applicants are urged to apply in the Fall preceding the year in which they desire to enter the program. The application deadline is **February 1st**. Selections will be made by **March 31st** in the year of admission

The School of Radiologic Sciences is approved by the JRCERT to admit fourteen students annually for a total of twenty eight students. In order to apply to St. James Mercy Health System's School of Radiologic Science, a prospective student must:

1. Return the completed application with the non-refundable \$50.00 application fee to the School of Radiologic Science.
2. Return application prior to the deadline of **February 1st**.
3. Have high school and college transcripts forwarded to the Program by **February 1st**
4. Have three reference forms submitted by **February 1st** (reference forms cannot be completed by relatives)
5. Attend the Observation and Interview Day
6. The Admissions Committee will meet to review all completed applications and make recommendations for admission and for alternate status.
7. Applicants who are accepted must send a \$100.00 non-refundable tuition deposit to the School within **30 days** of notification of acceptance. This deposit will be deducted from the first semester's tuition.

School Policy on Non-discrimination

The School of Radiologic Science is open to applicants without regard to race, color, creed, national origin, sex, marital or disability status.

Final Acceptance

A prospective student will be informed in writing that they have met the qualifications for admission. Matriculation will be granted pending the return of the following:

1. A completed physical form including verification of technical standards, required immunizations, PPD, negative drug screen and negative background check.
2. The return of the sign-off sheet regarding the reading and understanding of the policies and procedures contained in the Student Guidebook.
3. The return of the letter of intent (30) calendar days notification and the payment of the \$100.00 non-refundable deposit.

TUITION AND TUITION REFUND POLICIES

Tuition

The tuition is \$5,000.00 annually (refer to the Financial Aid Section).

Tuition Deposit

Upon acceptance into the Program, a \$100.00 non-refundable tuition deposit is due. This amount will be deducted from the first semester tuition.

Fall Semester:

The tuition amount of \$2500.00 minus documented Financial aid assistance and deposit is due by the 3rd Monday following the starting date of the semester.

Spring Semester

The tuition amount of \$2500.00 minus documented Financial aid assistance is due by the 3rd Monday following the starting date of the semester.

*** A \$50.00 late fee will be assessed to any tuition balance not paid by the due stated due. In addition the student will be suspended from classes until tuition has been paid.**

Tuition Refund Policy

A student who withdraws or opts for a leave of absence from the program shall be eligible for refund of tuition in accordance with the following schedule:

- 100% on or before the 1st day of the semester;
- 90% refund if withdrawn within 2 weeks from the start of the semester.
- 50% refund if withdrawn within 8 weeks from the start of the semester.
- Thereafter, no refund.

Fees and Textbooks

Application Fee:	\$50.00
Textbook Costs:	\$800.00

FINANCIAL AID

The School of Radiologic Science is eligible to participate in the following financial aid programs:

- PELL Grant Program
- Tuition Assistance Program (TAP)
- Federal Family Education Loan Programs
- TERI Loans
- Veterans Educational Benefits
- WIA of New York State

The St. James Mercy Hospital School of Radiologic Science has a financial aid officer available to students to assist them with the application process. Financial aid forms can be obtained at www.fafsa.ed.gov. The Financial Aid Officer can be reached by email at bellingerj@aol.com or by calling the Program at 607-324-8265. The School Code is 00506400.

GRADUATION REQUIREMENTS

The Mission and Goals of the School of Radiologic Science were developed to provide a framework for successful completion of the Program, using a JRCERT approved curriculum.. Beginning with the enrollment in 2008, to be eligible for the School diploma, the prospective graduate must meet the following requirements.

- * Successful completion of a minimum 15 credit hours of General Education post-secondary course work in each of the specific areas listed below:
 - >Mathematical/logical reasoning -required
 - >Written/Oral Communication- required
 - >Arts and Humanities
 - >Information Systems
 - >Social/behavioral sciences
 - >Natural Sciences
- *Successful completion of all academic courses and Required clinical competency according to established criteria.
- *Successfully passing at least one simulated registry
- *Candidate has maintain the passing grade (collegiate and Program) for the duration of their educational experience.
- *Candidate has met all financial obligations to the Program. (This includes any obligations to colleges and all clinical sites).
- *Candidate is recommended for graduation by the Program Administration.

HOUSING AND MEALS

Students are responsible for their own living accommodations. Meals, at a reasonable cost are available in the hospitals cafeterias at all clinical sites.

STUDENT HEALTH INSURANCE

The faculty provides guidance in establishing good health habits. Students are expected to retain previously established relationships with their own physicians, dentists and are responsible for their own health insurance coverage. For episodic illness, health services and professionals are available locally for student use. The Program does not accept financial responsibility for the health care services of students.

SCHEDULES

The Program is two years in length with year divided into a Fall and Spring Semester. (Although the actual class days/times may be changed due to scheduling, the number of class days and the hours for didactic instruction will be consistent with the schedule below).

Fall Semester	August	to	January
Spring Semester	January	to	August

First Year Fall Semester

Classes	Monday	9:00 AM	-	4:00 PM
	Tuesday	9:00 AM	-	4:00 PM
	Thursday	9:00 AM	-	4:00 PM
Clinical	Wednesday	7:30 AM	-	4:00 PM
	Friday	7:30 AM	-	4:00 PM

First Year Spring Semester

Classes	Tuesday	9:00 AM	-	4:00 PM
	Thursday	9:00 AM	-	4:00 PM
Clinical	Monday	7:30 AM	-	4:00 PM
	Wednesday	7:30 AM	-	4:00 PM
	Friday	7:30 AM	-	4:00 PM

Second Year Fall Semester

Classes	Wednesday	9:00 AM	-	4:00 PM
	Friday	9:00 AM	-	4:00 PM
Clinical	Monday	7:30 AM	-	4:00 PM
	Tuesday	7:30 AM	-	4:00 PM
	Thursday	7:30 AM	-	4:00 PM

Second Year Spring Semester

Classes	Wednesday	9:00 AM	-	4:00 PM
	Friday	9:00 AM	-	4:00 PM
Clinical	Monday	7:30 AM	-	4:00 PM
	Tuesday	7:30 AM	-	4:00 PM
	Thursday	7:30 AM	-	4:00 PM

Holidays:	Memorial Day	Thanksgiving	Christmas
	New Years Day	July Fourth	Labor Day

Vacation: 160 hours of Personal Time. Personal Time includes any time a student is not present in class or clinical

COURSE SCHEDULE

Orientation: This 30 hours course provides students with an Introduction to the Radiography profession. At this time, there will be a second review of the SJMH School of Radiologic Science Student Guidebook, which contains all of the Program's policies and procedures. Each student will be given a copy of the Student Guidebook. In addition, there is an overview of the profession and the professional organizations, educational survival skills are also presented as was as an overview of the clinical educational process using the Clinical Education Manual. Finally, students will be certified in CPR and receive Basic Radiation Protection classes.

First Year - Fall Semester

Course #	Course Name	Theory Hrs.	Cl/Lab Hrs.	Total Hrs.	Credit/Units (30:1 conversion)
	Orientation	30		30	1
ANP101	Human Struc/Funct.	90		90	3
FUN103	Fund of Radiography	60	30	90	3
MET104	Medical Terminology	60		60	2
IMG105	Imaging Analysis	30		30	1
PRO106	Procedures I	20	22	42	1.4
RPT111	Radiation Protection	15		15	.5
CLE109	Clinical Education		285	285	9.5
CLE110	Clinical Education		405	405	13.5
Semester Totals		305	742	1047	34.9

First Year - Spring Semester

Course #	Course Name	Theory Hrs.	Cl/Lab Hrs.	Total Hrs.	Credit/Units (30:1 conversion)
IMG105	Image Analysis	30		30	1
PRO106	Procedures I	15	21	36	1.2
EXT107	Exposure Technique	60	30	90	3
RAP108	Radiographic Physics	30		30	1
RAP111	Radiation Protection	15		15	.5
CLE209	Clinical Education		405	405	13.5
CLE210	Clinical Education		405	405	13.5
Semester Totals		150	861	1011	33.7

Second Year - Fall Semester

Course #	Course Name	Theory Hrs.	Cl/Lab Hrs.	Total Hrs.	Credit/Units (30:1conversion)
DIM313	Diagnostic Imaging	30		30	1
IMG305	Image Analysis	30		30	1
PRO306	Procedures II	15	21	36	1.2
RAB325	Radiation Biology	15		15	.5
RQU326	Radiographic Quality	15	15	30	1
CLE409	Clinical Education		405	405	13.5
CLE509	Clinical Education		405	405	13.5
Semester Totals		105	846	951	31.7

Second Year - Spring Semester

Course #	Course Name	Theory Hrs.	Cl/Lab Hrs.	Total Hrs.	Credit/Units (30:1conversion)
DIM313	Diagnostic Imaging	90		90	3
IMG305	Image Analysis	30		30	1
PRO306	Procedures II	15	21	36	1.2
RAP325	Radiation Biology	15		15	.5
REV340	Registry Review	30		30	1
CLE609	Clinical Education		630	630	21
PRD400	Professional Develop	15		15	.5
Semester Totals		180	651	831	28.2
TWO YEAR TOTALS				3840	128.0

Course Descriptions

ANP 101 Human Structure and Function (90 hours). This course provides the student with knowledge of the structure and function of the human body. There is in-depth emphasis on the skeletal system. Importance is placed on the relationship between knowledge of human structure and function and the radiographic procedures course. Through out the course, identification of major anatomical structures found within sectional images will be introduced.

FUN 103 Fundamentals of Radiography (90 hours).

Components: Basic Technical Math
Medical Legal Ethics
Ethics and Oral and Written Presentations
Basic Radiation Protection
Contrast Agents and Pharmacology
Patient Care
Introduction to Radiography
Cultural Competency

This course begins during orientation with the Student Handbook and carries through until the end of the first semester. Basic Technical Math is initiated late in the first semester as a prelude to Radiographic Physics. The purpose of this course is to refresh all student radiographers with basic mathematical functions.

Medical - Legal Ethics is designed to enable the student radiographer in the understanding of the legal and ethical aspects of diagnostic imaging. The course provides the student with medical-legal terminology. Using illustrations from various legal decisions, students can apply the knowledge gained from this instruction to their daily professional life.

Ethics - written and oral presentations. Ethical dilemmas are presented to the students and using the team-based approach, students write and present to the class their solutions for the ethical dilemmas based on ethical theory.

Basic Radiation Protection. This course is a prerequisite course to the first year student's entering the clinical education environment. The student is provided basic radiation protection education.

Contrast Agents and Pharmacology provides the student with the basic understanding of the utilization and structure of contrast agents and possible patient reactions to those agents. In addition, the course provides a basic understanding of pharmacology agents used in the health care setting.

Cultural Competency- A workshop and class discussion are used to illustrate to the student the various patient perceptions that might occur due to cultural differences and provide the student with the basic knowledge of those differences.

Introduction to Radiography: Students are provided with a background of the radiography profession and professional organizations. Other topics in this course are: education infection control and safety programs of the organization, the employee assistance program, Values in Practice, HIPAA and the organization of St. James Mercy Hospital System.

MET104 Medical Terminology: this course provides instruction into terminology used in the medical profession and in word-building skills.

PRO 106 Radiographic Procedures I

Components: Radiographic Procedures
Radiographic Positioning
Image Analysis

These courses incorporate both the theoretical basis for performing radiography procedures with specific patient positioning instruction in the laboratory. Radiographic Positioning allows the student to strengthen their skills prior to and following patient contact. This learning is then combined with the Image Analysis course.

Image Analysis: This course requires the student to problem solve and critically think as they view radiographs and rate their diagnostic qualities.

EXT 107 Exposure Technique

Components: Exposure Technique and Lab
Radiographic Film and Processing
Digital Image Acquisition and Display

These courses provide the student with the fundamental principles of radiographic exposure. The production of x-rays, the prime radiographic factors, beam limitation devices, beam characteristics and technique compensation formulas are included in Exposure Technique. The laboratory experience provides the student with a practical application of technique manipulation. Radiographic Film and Processing provides the student with an understanding of the characteristics and composition of film, screens and processing. Digital Image Acquisition and Display incorporates terminology and description of the equipment and operation of Digital and Computer Radiography as well as PACs.

RAP108 Radiation Physics begins with the student of the fundamental properties of matter and energy, Included in this course of study are atomic structure, magnetism, electrodynamics, and their relationship to ionizing radiation. Additionally, Radiation Physics provides the basic knowledge of the components designed to produce x-radiation and their operation.

RPT111 Radiation Protection is a course designed to provide the student with knowledge or the principles and practices needed in radiography to protect the patient, other allied healthcare workers and themselves from the affects of ionizing radiation and insure the benefit outweighs the risk of the procedure.

CLE 109 Clinical Education - This course provides an introduction to the department and patient care routines. This student will undertake the process of developing the basic skills necessary for a professional healthcare worker. The student's written objectives for performance in this assignment coupled with the competency system in place will provide the student and the program with assurance that the basic skills have been met.

CLE 209 Clinical Education - This rotation allows the opportunity for the student to continue to strengthen their skills and gain procedural competence as they continue to acquire additional proficiency in radiography. Summative (Terminal) competencies are also conducted during this clinical rotation to assess ongoing student competency.

CLE 210 Clinical Education - This rotation continues to strengthen newly learned procedural skills of the Spring semester Summative (Terminal) competencies are also conducted during this clinical rotation to assess ongoing student competency.

DIM313 Diagnostic Imaging

Components: Imaging Technology with emphasis on
Computed Tomography
Sectional Anatomy
Fundamentals of Computers
Fundamentals of Quality Assurance
Pathology

Imaging Technology - Students are provided an overview of Computed Tomography during the first semester of the first year, that will allow students to complete basic room competencies, however during this course students will be provided sufficient education that will allow them to complete specific CT Examination Competencies. At this time, further education in Sectional Anatomy will strengthen the student's understanding of anatomy and enables them to become proficient in cross-sectional anatomy. Incorporated into this course are CT, as well as MRI, Nuclear Medicine and Ultrasound technologies.

Fundamentals of Computers In order to gain a basic understanding of digital radiograph and PACS, a foundation must be set in the operation of a computer. This course sets the basis for further imaging technology competency.

Fundamentals of Quality Assurance - This course introduces the student Radiographer to the role and importance of quality assurance and quality control as they relate to equipment and patient safety.

Pathology - This course enables students to become knowledgeable in the pathologies depicted on radiographs and gain competence in adjusting technical factors to best demonstrate the pathologies. In addition, students obtain a basic understanding of how various pathologies are displayed in other imaging modalities.

PRO306 Radiographic Procedures II

Components: Radiographic Procedures
Radiographic Positioning
Image Analysis
Trauma Radiography
Pediatric/Geriatric Radiography

Procedures II This course is a continuation of Procedures I. The student radiographer will learn advanced procedures as they relate to the skull, facial bones, specialized views of the skeletal system, trauma, pediatric, and geriatric radiography

Radiographic Positioning II: This laboratory practice strengthens the positioning skills needed for the skull and facial bones as well as specialized views of the skeletal system and the trauma, pediatric and geriatric patient, so that they student can demonstrate age appropriate and patient specific competencies.

Image Analysis: This course is directly related to Procedures and Positioning II. In addition, to displaying the knowledge for evaluating a diagnostic radiograph using conventional technology, digital image analysis will also be presented.

RAD325 Radiation Biology: Included in the course syllabi is a review of cell biology, biologic interactions with radiation, radio-sensitivity and early, late somatic responses and genetic responses to ionizing radiation.

RQU326 Radiographic Quality. This course builds upon the skills presented in Exposure Technique. The course applies the knowledge of exposure technique and the development of a quality image.

CLE 409 Clinical Education - The focus of this clinical rotation is to expand the experience of the student radiographer by implementing objectives that require the student to demonstrate advanced proficiency in the clinical setting.

CLE509 Clinical Education - Rotations are provided through out the various imaging modalities on a volunteer basis to correlate with the DIM 313 course.

CLE 609 Clinical Education - This final module of clinical education the student will display the competency, and characteristics of an entry-level radiography at the completion of the rotation.

CLINICAL EDUCATION

The clinical education portion of the program is divided into seven segments. In each successive rotation, the level of knowledge and skill required by the student is increased. The student must demonstrate competency in the current procedure and objectives presented in the didactic portion of the program, plus all previously presented procedures and objectives. This is determined by the completion of the competency, objective and evaluation portion of the clinical education manual.

Course	Level	Procedures
CLE109	Orientation Basic Skills	Introduction to Contrast Media, Chest Abdomen Upper Extremities
CLE 110	Basic Skills	Upper/Lower Extremities
CLE 209	Basic Skills	Bony Thorax, Pelvis Vertebral Column
CLE210	Strengthening Skill	All procedures covered to Date
CLE409	Expanded Experience	Specialized Skull, Trauma Pediatric and Geriatric Procedures
CLE509	Expanded Experience	Other Imaging Modalities
CLE609	Independence	All procedures; functions as an entry-level Radiographer.

QUANTITATIVE AND QUALITATIVE STUDENT PROGRESS

The School of Radiologic Science is a two-year program in Radiography. Students must complete the required course hours each semester with a passing grade of C+ (78) or 2.5 grade point average.

This must be accomplished as a prerequisite to attempt the next Semester's coursework and demonstrate program pursuit.

Semester	1st	2nd	3rd	4th
Credit Hrs.	34.9	68.6	100.3	128
GPA	2.5	2.5	2.5	2.5

THE HOSPITAL

St. James Mercy Hospital was founded on February 13, 1890 by Reverend James M. Early. His purpose was to serve all those in need. The original hospital was a farmhouse with a capacity of 15 patient beds. The care of the hospital was entrusted to the Sisters of Mercy of the Rochester Diocese.

Today, St. James Mercy Health System includes St. James Mercy Hospital, MercyCare- a skilled nursing facility; an Alcohol Treatment Center, an Outpatient Dialysis Center; and Oncology department, a Dental Clinic and many outreach clinics as well as the basic services of a medical-surgical unit, maternity and pediatric units, Intensive Care Units and an Adult and Child Psychiatric Care Units.

THE COMMUNITY

Hornell is located 65 miles south of Rochester, New York and 100 miles southeast of Buffalo, New York in the rolling hills of New York State's Southern Tier. It is situated in the western section of Steuben County at the intersection of Routes 36 and 21. Hornell is at exit 34S of the Southern Tier Expressway (I- 86).

The Hornell area offers beauty, benefits and employment of living in a rural location and yet Hornell is at the center for retail trade and professional services that serve three counties

SCHOOL OF RADIOLOGIC SCIENCES

Administrative Staff

Director of Education

Bridgett L Mayorga, M.S., R.T.R., RDCS, RVT

Medical Director

Iddo Netyanyahu, M.D.

Faculty

Bridgett L Mayorga M.S., R.T. R.

R.T.R – St James Mercy Hospital, Elmira, New York

BA – SUNY Brockport, Brockport, NY

MS - Capella University, Minneapolis, Minnesota

Mary Liz Lewis, R.T.R., M.

R.T. R - St. James Mercy Health, Hornell, New York

Michelle Brown, RN

RN – Alfred State College, Alfred, New York

COST OF EDUCATION CHART

ITEM	FIRST YEAR	SECOND YEAR
Tuition	5000.00	5000.00
Application Fee	50.00	
Graduation Fee		50.00
Books	700.00	400.00
Uniforms	200.00	200.00
Shoes	200.00	200.00
Lab Coat	45.00	45.00
Other Apparel	200.00	200.00
Watch	60.00	
Scissors	5.00	
School Supplies	100.00	100.00
Calculator	20.00	
Misc.. Supplies	50.00	50.00
Board Exam Fees		300.00
Graduation Uniform		100.00
Review		400.00
Tuition and Fees	5050.00	5350.00
Supplies	1580.00	1695.00
Total	6630.00	7045.00

These are approximate charges.

POLICY FOR THE DECLARED PREGNANT STUDENT

Purpose: To establish guidelines in accordance with NRC regulations for the declared pregnant student (worker) for students of the Radiography Program.

Policy: Students wishing to disclose their pregnancy will do so in writing to the program director indicating the expected date of confinement (delivery). Students who do disclose their pregnancy will be issued an additional film badge “baby badge”. The student will meet with the radiation safety officer, in the absence of a voluntary written disclosure, the student will not be considered pregnant.

Procedure:

- 1) the declared pregnant student will have the following options:
 - a. continue the education program without modification or interruption
 - b. withdraw from the program with readmission at the start of the next school year
 - c. withdraw from the program.
- 2) Student radiographers will disclose their pregnancy of their own free will.
- 3) Information concerning the declared student’s pregnancy will be reasonable confidential at the student’s request.
- 4) The radiation safety officer will inform the declared pregnant student about practical methods to reduce exposure to the conceptus.
- 5) The additional “baby badge” will be worn at waist level and be changed and evaluated every month.
- 6) If the estimated exposure to the conceptus approaches .05rem, clinical schedules will be reviewed by the radiation safety officer, the declared pregnant student and the program director.
- 7) It will be the responsibility of the radiation safety officer should the accumulation reach .05rem that the student be notified and that no further occupational exposure will be permitted.
8. Requests for schedule changes during the course of the pregnancy will be accommodated when possible.
9. The possibility exists that the student may not be eligible for graduation as initially anticipated.
10. School faculty will work with the declared pregnant student in an attempt to have the student complete the program in a timely manner.

