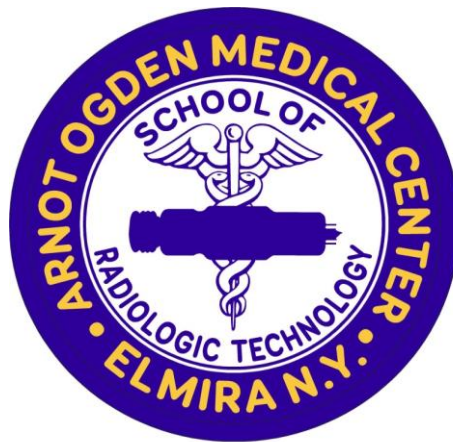


*Arnot Ogden Medical Center  
Dr. Earl D. Smith  
School of Radiologic Technology*

*Information Packet*



*This Information Packet is revised on an annual basis.  
Students are responsible for policies as they appear  
in the packet for each academic year.*

**Arnot Ogden Medical Center  
Dr. Earl D. Smith  
School of Radiologic Technology**

**2021-2022 Information Packet**

**Enrollment Agreement**

The Arnot Ogden Medical Center Dr. Earl D. Smith School of Radiologic Technology is a private institution and its codes of conduct, academic requirements, policies and procedures, and other rules and regulations are represented in this annually updated Information Packet.

Upon acceptance of admission, students agree to be governed by these policies and regulations and any amended policies and regulations which may be supplemented from time-to-time by the School of Radiologic Technology at its discretion.

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## **YOUR CAREER IN RADIOLOGIC TECHNOLOGY**

The field of radiologic technology blends the critical art of caring for people with the exacting science of specialized medical testing.

The School of Radiologic Technology at Arnot Ogden Medical Center offers you a high-quality educational program in preparation for your future professional career in radiologic technology.

In some health care professions, you have to choose between working with people and working with advanced scientific equipment. Radiologic technologists must blend their skills in both areas.

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## **A CHALLENGING OPPORTUNITY**

Arnot Ogden Medical Center's Dr. Earl D. Smith School of Radiologic Technology is an accredited radiologic technology school that teaches every student to be highly-skilled, competent, and compassionate. Instructors provide students with a solid education in the fundamentals of this exciting career. Instruction is presented in a stimulating environment that prepares students with a strong foundation for a professional career and further education.

The radiographer is a critical member of the health care team. You'll use the specialized skills that you learn to conduct essential tests that assist in diagnosis and treatment. You'll assist physicians by using advanced applications of radiant energy to examine your patient for broken bones, ulcers and tumors. Radiologic technology is a respected and rewarding profession.

You'll learn how to operate state-of-the-art equipment and how to obtain images quickly and safely. At the same time, you'll learn to empathize with the feelings of a child in pain or an adult who's anxious about what the image will reveal. In short, you'll develop experience in blending your human compassion with the latest technology to help people.

Radiologic technology draws from many fields of knowledge. As a student, you'll study anatomy, physiology, and psychology. You'll learn and develop skills in patient care, critical thinking, and communication.

It will not be easy. But if you are seeking a rewarding career in a growing field with exciting new technology and employment opportunities around the world... then radiologic technology may be the profession for you.

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## **A SELECTIVE, RESPECTED SCHOOL**

The Dr. Earl D. Smith School of Radiologic Technology is a highly selective, well-respected program that will prepare you for an exciting career as a Radiographer. The School accepts only seven new students into the program each year.

The School of Radiologic Technology is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT), and registered by the New York State Department of Health (NYSDOH). The School is approved by the New York State Division of Veteran's Affairs for the training of veterans and other eligible persons.

The school is affiliated with the National College Credit Recommendation Service ([www.nationalccrs.org](http://www.nationalccrs.org)) and has an affiliation agreement with Corning Community College ([www.corning-cc.edu](http://www.corning-cc.edu)), located in Corning, NY.

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## **ARNOT HEALTH**

Arnot Health is a not-for-profit healthcare system providing primary, specialty, diagnostic, ambulatory, secondary and tertiary acute care, as well as rehabilitative and wellness services to the Southern Tier of New York and the Northern Tier of Pennsylvania. The system is currently affiliated with more than 300 physicians from 50+ specialties. It operates over 40 medical offices, a neo-natal intensive care unit (NICU) serving Chemung and seven neighboring counties, and 3 hospitals – Arnot Ogden Medical Center, St. Joseph’s Hospital and Ira Davenport Memorial Hospital.

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## **ARNOT OGDEN MEDICAL CENTER – A REGIONAL SPECIALTY CENTER**

Arnot Ogden Medical Center offers a complete range of imaging modalities including MRI (magnetic resonance imaging), CT scanning (computerized tomography), ultrasound, nuclear medicine, interventional radiography, PET (positron emission tomography) and cardiac imaging.

Arnot Ogden Medical Center is a 256-bed acute care regional specialty center and community medical center located in Elmira, New York, offering advanced diagnostic, treatment and surgical services to the Southern Tier of New York and the Northern Tier of Pennsylvania.

Arnot Ogden’s goal is to help the highly skilled physicians of our region provide the best of care to their patients in every way, from helping them stay healthy to treating life-threatening injuries or illnesses. We do this by providing the most advanced medical technologies coupled with expert and sensitive care from our staff. Our patients range from high-risk newborn babies to residents of the skilled nursing facility.

The facilities at Arnot Ogden Medical Center enable our medical staff to provide the latest and most sophisticated care found only at the nation's major medical centers. The facility’s specialties include regional referral centers for neonatal intensive care, kidney dialysis and radiation therapy. It features an extensive cardiac program including cardiac catheterization, coronary angioplasty, coronary bypass surgery and computerized monitoring in the intensive care and cardiac units.

Arnot Ogden Medical Center is accredited by Joint Commission and the New York State Health Department. The medical center is approved by the Rochester Regional Health and Hospital Council.

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## **SCHOOL OF RADIOLOGIC TECHNOLOGY MISSION STATEMENT**

The mission of Arnot Ogden Medical Center's Dr. Earl D. Smith School of Radiologic Technology is to develop professionals with the radiologic skills necessary to meet the needs of the healthcare community.

Graduates of the program will exhibit a high regard for ethical standards and be able to demonstrate competencies in accurate exposure technique, effective communication skills, radiographic positioning, radiation protection practices, knowledge of anatomy and physiology, and critical thinking skills. In addition, the graduates of the program will demonstrate familiarity with specialty areas of radiology, including Ultrasound, Nuclear Medicine, Computerized Tomography, Interventional Radiography, and Angiocardiology.

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## **PROGRAM GOALS**

The goals of the Dr. Earl D. Smith School of Radiologic Technology are to:

- 1) Students will competently perform entry-level radiological procedures
  - 2) Students will demonstrate effective communication skills
  - 3) Students will demonstrate critical thinking skills
  - 4) Students will demonstrate professionalism
- 

## **STUDENT LEARNING OUTCOMES**

### ***Goal 1: Students will competently perform entry-level radiological procedures***

Student Learning Outcomes:

- *The student/graduate will accurately position patients.*
- *The student/graduate will provide appropriate patient care and safety.*
- *The student/graduate will apply the principles of radiation protection to patients, themselves and others.*

### ***Goal 2: Students will demonstrate effective communication skills***

Student Learning Outcomes:

- *The student will demonstrate their ability to write and orally present a research paper.*
- *The graduate will demonstrate their ability to effectively communicate with patients and co-workers.*
- 

### ***Goal 3: Students will demonstrate critical thinking skills***

Student Learning Outcomes:

- *The student/graduate will be able to demonstrate the ability to adapt exposure factors for patient condition.*
- *The student/graduate will apply the principles of age appropriate care in the delivery of health care.*

### ***Goal 4: Students will demonstrate professionalism***

Student Learning Outcomes:

- *The student will demonstrate professionalism in the clinical setting.*
- *The student will demonstrate and apply their knowledge of patient confidentiality regulations.*

## **THE RADIOGRAPHY CURRICULUM**

Our Radiography Program is a 23-month program beginning each year in August. It is uncommon in that it offers two curriculum paths.

All students are required to have at a minimum an Associate's Degree to graduate from the School of Radiologic Technology. Students who already have their Associate's Degree upon entrance follow our Track I curriculum. Students who do not yet have their degree are required to follow the Track II curriculum.

You may complete requirements for a Certificate in Radiologic Technology only, or pursue both the Certificate and the Directed Studies Associate in Applied Science Degree through Corning Community College simultaneously.

Regardless of the curriculum track in which you are enrolled, all students are required to take two semesters of Anatomy and Physiology.

All lectures are given in the Elmira area at the Corning Community College Academic and Workforce Development Center. The lab sections for Anatomy and Physiology are offered on the Corning Community College campus.

Students who are on track to obtain the Associate's Degree are required to take twenty-nine (29) additional credit hours with CCC to meet the graduation degree requirement. These credit hours give you additional background in interpersonal communication, social science electives, general psychology and humanities. These classes must be pursued online.

The Dr. Earl D. Smith School of Radiologic Technology curriculum has been evaluated by the National College Credit Recommendation Service. Thirty-one of the sixty-two total recommended college credit hours fulfill the Associate's degree requirements at Corning Community College.

Track I is for the Certificate in Radiography.

Track II is for both the Certificate in Radiography and the Associate's in Directed Studies degree through Corning Community College (CCC).

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## **CURRICULUM: THE FIRST AND SECOND YEARS**

### **First Year Courses**

#### **Track I**

#### **Track II**

Introduction to Radiologic Technology and Medical Ethics	•	•
Methods of Patient Care	•	•
Principles of Radiographic Exposure I	•	•
Radiation Protection	•	•
Equipment Operation and Management	•	•
Radiographic Image Evaluation I	•	•
Imaging Processing	•	•
Radiographic Procedures I (includes 80 hrs lab)	•	•
Pediatric Radiography	•	•
Medical Terminology	•	•
Anatomy & Physiology I (CCC)	•	•
Anatomy & Physiology II (CCC)	•	•
Clinical Education I	•	•
Interpersonal Communication (CCC)		•
General Psychology (CCC)		•

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### **Second Year Courses**

#### **Track I**

#### **Track II**

Principles of Radiographic Exposure II	•	•
Radiation Biology	•	•
Radiographic Procedures II (includes 41 lab hrs)	•	•
Special Procedures	•	•
Radiographic Image Evaluation II	•	•
Advanced Imaging	•	•
Sectional Anatomy	•	•
Radiographic Pathology	•	•
Clinical Education II	•	•
College Composition I (CCC)		•
Quantitative Reasoning II (CCC)		•
Social Sciences (6 Credits) (CCC)		•
Humanities (3 credits) (CCC)		•

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## **CURRICULUM SEQUENCE**

### A. CORNING COMMUNITY COLLEGE OPTIONAL DEGREE

Students enrolled in the School of Radiologic Technology will obtain an Associate's in Applied Science Degree in Directed Studies through Corning Community College if they do not already have an Associate's degree with two semesters of Anatomy and Physiology.

Additional courses beyond the radiology certificate curriculum are:

- College Composition I
- Quantitative Reasoning II
- Interpersonal Communication
- General Psychology
- Social Sciences electives (6 credits)
- Humanities elective (3 credits)

These courses are taken online and are offered on a rotational basis.

They are marked as CCC degree courses in the following curriculum outline.

The Arnot Ogden Medical Center School of Radiology is in session for two semesters per year. Each semester is 6 months in length.



**FRESHMAN YEAR**

**August-December**

First Semester

26 Weeks

**January-July**

Second Semester

26 Weeks

<b>Course</b>	<b>Hours</b>	<b>Rec. Credit Hrs.*</b>	<b>Course</b>	<b>Hours</b>	<b>Rec. Credit Hrs.*</b>
Intro to Radiologic Technology & Medical Ethics	30	2	Methods of Patient Care	15	1
Methods of Patient Care	30	2	Pediatric Radiography	25	2
Radiographic Procedures I	100	4	Radiographic Procedures I	49	3
Principles of Radiographic Exposure I	25	2	Principles of Radiographic Exposure I	25	2
Equipment Operation and Management	25	2	Equipment Operation and Management	25	2
Medical Terminology	27	2			
Radiographic Image Evaluation I	20	**	Radiographic Image Evaluation I	20	3**
Radiation Protection	22	1***			
Anatomy & Physiology(CCC)	90	4	Anatomy & Physiology(CCC)	90	4
CCC Degree Course	45	3	CCC Degree Course	45	3
Clinical Education I	224	2****	Clinical Education II	322	2****
<b>Freshman Year Total</b>	<b>638</b>	<b>21/24</b>	<b>Total</b>	<b>616</b>	<b>19/22</b>

## SENIOR YEAR

### August-December

### January-July

First Semester <b>Course</b>	24 Weeks <b>Hours</b>	<b>Rec. Credit Hrs.*</b>	Second Semester <b>Course</b>	26 Weeks <b>Hours</b>	<b>Rec. Credit Hrs.*</b>
Radiographic Procedures II	22	2	Radiographic Procedures II	22	2
Advanced Imaging	37	2	Principles of Exposure II	31	2
Special Procedures	20	2	Quality Assurance	25	1
Radiographic Pathology	45	3	Radiation Biology***	20	2
Sectional Imaging	15	1	Image Processing	36	2
Radiographic Image Evaluation II	20	**	Radiographic Image Evaluation II	17	3**
			General Review	45	
College Composition (CCC)	45	3			
Quantitative Reasoning II(CCC)	45	3	CCC Degree Course	45	3
CCC Degree Course	45	3	CCC Degree Course	45	3
Clinical Education III	483	3.5****	Clinical Education IV	483	3.5****
<b><u>Senior Year Total</u></b>	<b><u>777</u></b>	<b><u>13.5/22.5</u></b>	<b><u>Total</u></b>	<b><u>769</u></b>	<b><u>14.5/21.5</u></b>

\* Recommended Credit hours are from National College Credit Recommendation Service 1 hour of credit lecture=15 hours lecture. 1 hour credit lab= 30-45 hours experience depending on the discipline.

\*\* Radiographic Image Evaluation I & II – 6 recommended credit hours - both courses must be completed to receive credit.

\*\*\*Radiation Protection & Radiation Biology - 3 recommended credit hours - both courses must be completed to receive credit.

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## **RADIOLOGIC TECHNOLOGY COURSES**

### **INTRODUCTION TO RADIOLOGIC TECHNOLOGY AND MEDICAL ETHICS**

**Course Description:** This course introduces the student to the field of radiologic technology. Students will describe the history of radiographs; define key terms related to physics and techniques of radiography; identify ethical and medicolegal considerations involved in patient care; discuss the responsibilities and relationships of all personnel within a health care institution; describe diversity and stress management techniques.

### **RADIATION PROTECTION**

**Course Description:** This course enables the student to explain biological effects of ionizing radiation and apply principles pertaining to patient and personnel radiation protection; identify and justify the need to minimize unnecessary radiation exposure of humans; identify effective dose limit for occupational and nonoccupational radiation exposure; describe the ALARA concept; explain the purpose and importance of patient shielding.

Topics include clinical radiation protection, interactions of radiation and matter, radiation units of measurement, maximum permissible dose, biological effects of radiation, patient protection, and personal protection.

### **METHODS OF PATIENT CARE**

**Course Description:** This course prepares students to apply appropriate principles of patient care to the performance of radiographic procedures; describe vital signs and lab values used to assess the condition of the patient, including sites for assessment and normal values; describe methods to evaluate patient physical status; describe the importance of standard precautions and isolation procedures, including sources and modes of transmission of infection and disease and institutional control procedures; describe patient preparation for contrast studies.

Topics include- Body mechanics; aseptic techniques; management of the seriously ill (acute abdomen, fractures, and dislocations); patient reaction to iodinated; contrast media; the emergency tray; cart; basic first aid and CPR; nursing procedures pertinent to radiology (anesthesia, operating room radiography; bedside radiography, handling patients with communicable diseases, and AIDS isolation protection). Contrast media; basic forms; precautionary steps in preparation and administration; venipuncture and patient preparation.

### **RADIOGRAPHIC PROCEDURES I**

**Course Description:** This course provides students with knowledge to describe the structure and function of the human body, with emphasis on radiographic aspects; identify and utilize the correct procedures in positioning patients for radiography; describe standard positioning terms, planes, and landmarks pertinent to acceptable radiographic procedures; identify and locate anatomy of the torso and extremities; explain radiographic procedures to patients and family members; stimulate

radiographic and fluoroscopic procedures on a person or phantom in a laboratory setting

Topics include general positioning; contrast studies; upper and lower extremities; vertebral column; thorax; abdomen; pelvis.

## **EQUIPMENT OPERATION AND MANAGEMENT**

**Course Description:** This course provides students with knowledge to describe the general theories of physics relevant to mobile and fixed radiology equipment and apply them to radiation physics in both descriptive and quantitative terms; describe potential difference, current and resistance; describe the general components and function of the x-ray circuit to include the tube and filament circuits; compare generators in terms of radiation produced and efficiency.

Topics include fundamentals of math, radiological physics; fundamental units; derived units; mechanics; atomic structure of matter, electrostatics; magnetism; electrodynamics; electromagnetism; transformers; x-ray tubes; roentgen rays; interactions of radiation and matter; radiographic circuits and equipment; production and properties of radiation.

## **MEDICAL TERMINOLOGY**

**Course Description:** This course provides the student with an understanding of medical terminology, with the ability to define roots, prefixes, suffixes, and abbreviations common to general medical terminology and radiographic terminology; apply the word-building process of medical terminology; demonstrate pronunciation and spelling of all medical terms; translate medical terms, abbreviations, and symbols from medical reports into layman's terms.

Topics include introduction to medical terminology; combining forms; plurals of medical terms; pronunciation; general terms used in radiology; abbreviations; medical terms by body system.

## **PRINCIPLES OF RADIOGRAPHIC EXPOSURE I**

**Course Description:** This course provides the student to describe and apply the governing and influencing factors utilized in the production of the radiographic image; analyze the relationships of factors that control and affect image exposure; discuss practical considerations in setting standards for acceptable image quality; apply conversion factors for changes in the following areas: distance, grid, image receptors, reciprocity law, and 15 percent rule.

Topics include definitions; characteristics of x-rays, procedural considerations, prime factors of radiographic exposure; factors controlling and affecting radiographic quality; beam restricting devices (collimators, cones, cylinders and diaphragms) filters; grids; condition influencing; choice of chart; kilovoltage and milliamperage; review of grid conversion factors; review of screen conversion factors; kilovoltage distance conversion factors; use of higher kilovoltages; demonstration of radiographic experiments.

## **RADIOGRAPHIC IMAGE EVALUATION I**

**Course Description:** This course enables the student to analyze radiographic examinations for the purpose of recognizing diagnostic quality; identify anatomy on radiographic images; summarize the importance of proper positioning; recognize images for appropriate technical, procedural and pathological factors, and employ corrective

actions if necessary.

Topics include the torso and extremity, patient profile, pathology and condition of the patient during the examination, technical factors, collimation, shielding, positioning, anatomy, and radiographic quality.

## **PEDIATRIC RADIOGRAPHY**

**Course Description:** This course provides students with the knowledge to describe the essential technical skills and empathic understanding necessary for radiographing the pediatric patient; describe immobilization techniques for various types of procedures and patient conditions; explain age-specific considerations necessary when performing radiographic procedures; describe various types of pediatric diseases

Topics include introduction to pediatric radiography; pediatric behavior; anatomical proportions; common problems in pediatric radiography; pediatric radiation protection; equipment, accessories, and immobilization of the pediatric patient; handling the neonate.

## **RADIOGRAPHIC PATHOLOGY**

**Course Description:** The course provides the student with the knowledge to define basic terms related to pathology; describe the basic manifestations of pathological conditions and their relevance to radiologic procedures; describe the radiographic appearance of diseases; describe the various systemic classifications of disease in terms of etiology, types; common sites, complications, and prognosis; identify diseases caused by or connected by genetic factors.

Topics include principles used in identification of circulatory, degenerative, and neoplastic diseases, conditions of illness involving the systems of the body, with emphasis on radiographic technology.

## **SECTIONAL IMAGING**

**Course Description:** The course provides students with a basic knowledge to discuss the proper orientation of cross sectional images; locate each anatomical structure on CT, MR, and ultrasound images in the transverse axial, coronal, sagittal, and oblique cross-sectional imaging planes; identify routine, general anatomy of the cranium, thorax, and abdomen; identify sectional anatomy of the major muscles and bones; describe the relationship of each structure to surrounding structures.

## **QUALITY ASSURANCE**

**Course Description:** The course provides the student with the knowledge to describe and apply common principles of radiologic quality assurance testing procedures to assure the consistency in the production of quality images.

Topics include quality assurance instrumentation to determine kilovoltage, milliampere-seconds, focal spot size and x-ray field-light coincidence. Use of ionization chamber survey instrument to determine half-value layer radiation exposure reciprocity, milliampere seconds, and scatter radiation distribution.

## **PRINCIPLES OF RADIOGRAPHIC EXPOSURE II**

**Course Description:** Describe and apply the governing and influencing factors as they relate to factors compensation, sensitometric, and digital principles; analyze the relationships of factors that control and affect spatial resolution; explain and create the a

standardized technique chart; evaluate digital artifacts

Topics include the history sensitometric properties of radiographic film terminology; characteristic curve; Digital vs. Conventional Imaging; Digital Radiographic Techniques.

## **RADIATION BIOLOGY**

**Course Description:** This course enables the student to analyze the effects of radiation on cells, tissues, organs, and systems; discriminate between the direct and indirect effects of radiation; differentiate between stochastic and nonstochastic effects of radiation exposure; discuss acute radiation syndromes.

Topics include background radiation; influencing factors; direct and indirect actions; cell structure; genetics; tissue and organs; total organism: lethal effects; immunity; reproduction; radiation syndromes.

## **SPECIAL PROCEDURES**

**Course Description:** This course provides the student with the knowledge to identify the specialized imaging equipment needed to perform a variety of procedures; equipment; accessories; and technical concerns for specialized radiographic exams; distinguish between positions and projections for all special procedures.

Topics include myelography; tomography; arthrography; female reproductive system; computers in radiography; specialized procedures; image intensifications; recording systems. Students obtain some clinical experience in the specialty areas.

## **RADIOGRAPHIC PROCEDURES II**

**Course Description:** Identify and locate anatomy of the skull; adapt radiographic and fluoroscopic procedures for special considerations; distinguish the routine and special position and projections for all radiographic images and special procedures; differentiate the anatomy demonstrated on various positions.

Topics include skull radiography; sinuses, facial bones, orbit, eye, nasolacrimal drainage, mouth; miscellaneous, including temporal styloid, jugular foramina, and hypoglossal canal.

## **IMAGE PROCESSING**

**Course Description:** This course provides students with the knowledge and skills necessary to compare the image capture process for various digital imaging receptors; recognize equipment associated with digital fluoroscopic imaging; describe how photostimulable phosphor image receptors extract data; explain the histogram analysis as it relates to automatic rescaling and how it affects image quality; define the characteristics of a monitor that affect image display; discuss archival and communication system (PACS) and its function.

Topics include digital imaging concepts that include CR, DR image acquisition, image evaluation, and QA.

## **RADIOGRAPHIC IMAGE EVALUATION II**

**Course Description:** This course enables the student to apply a problem-solving process used for image analysis; apply a process for evaluating images for adequate image receptor exposure, exposure indicator contrast/grayscale/spatial resolution, identification

markers, and appropriate use of beam restriction; critique images for appropriate technical, procedural, and pathological factors, and employ corrective action if necessary.

Topics include patient profile, pathology, and condition of the patient during examination, technical factors, collimation, shielding, positioning, anatomy, and radiographic quality.

## **ADVANCED IMAGING**

**Course Description:** This course enables the student to describe generalized principles of modern specialized imaging equipment; accessories; procedures; and techniques related to diagnostic imaging; compare basic equipment used in various imaging modalities and radiation therapy; compare and contrast different types of radiation; define basic terms related to indications and contraindications

Topics include computerized tomography; magnetic resonance imaging; interventional; ultrasound; radiation therapy; nuclear medicine; angiocardiology. Students obtain some clinical experience in advanced areas.

## **CLINICAL EDUCATION I, AND II**

**Course Description:** Clinical experience allows the student to integrate the use of appropriate and effective, written, oral, and nonverbal communication with patients, the public, and members of the health care team in the clinical setting; use patient and family education strategies appropriate to the comprehensive level of the patient/family; apply the appropriate medical asepsis and sterile technique; Integrate the radiographer's practice standards into clinical practice setting; adapt to changes and varying clinical situations; provide patient-centered, clinically effective care for all patients regardless of age, gender, disability, special needs, ethnicity, or culture; apply standard and transmission-based precautions.

Demonstrate clinical competence in patient positioning, exposure factors selection, and radiation protection. Experience is provided in procedure preparation, exposure factor selection, image analysis, radiation administration, and radiation protection.

Close supervision is provided to develop and evaluate student's clinical skills.

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## **CORNING COMMUNITY COLLEGE COURSES**

### **PRINCIPLES OF ANATOMY & PHYSIOLOGY I (BIOL 1210) 4 Credit Hours (Lab required)**

**Course Description:** This course focuses on the chemical, cellular and tissue components of the human body, skeletal and muscular structure and function, neural control mechanisms, and sensory structures. Laboratory involves dissection of a preserved cat cadaver and various vertebrate organs.

### **PRINCIPLES OF ANATOMY & PHYSIOLOGY II (BIOL 1220) 4 Credit Hours (Lab required)**

**Course Description:** This course will introduce students to the structure and function of the human endocrine, digestive, respiratory, cardiovascular, excretory and reproductive systems. Laboratory involves dissection of a preserved cat cadaver and various vertebrate organs.

### **COLLEGE COMPOSITION I (ENGL 1010) 3 Credit Hours**

**Course Description:** The course introduces the student to essay writing designed to sharpen perceptions of the world through the study and use of non-fiction writings. The

student learns to facilitate communication with correctness, clarity, unity organization, and depth. Assignments include expository writing, argumentation, and research techniques.

**QUANTITATIVE REASONING II (MATH 1150)      3 Credit Hours**

**Course Description:** Focuses on mathematical and statistical reasoning important for decision-making in everyday life. Integrates quantitative literacy with percentages, probability, mathematical modeling, and statistical thinking. Concepts are investigated with hands-on activities using important medical, financial, and environmental decisions examples. Communicating mathematics and using appropriate technologies will also be developed in this course.

**GENERAL PSYCHOLOGY I (PSYC 1101)      3 Credit Hours**

**Course Description:** This course is an introduction to psychology. Topics include: the scientific method, measurement in psychology, motivation, learning, thinking and problem solving, perception, behavior disorders and varieties of treatment, biological basis of behavior, social determinants of behavior, human development, and personality.

**INTERPERSONAL COMMUNICATION (SPCH 1060)      3 Credit Hours**

**Course Description:** Develops self-awareness and audience awareness by communicating interpersonally. Exercises reflect all components of interpersonal interactions: verbal, nonverbal, paralinguistic, emotional, visual, relational, cultural.

**SOCIAL SCIENCES ELECTIVES      6 Credit Hours**

The courses to be selected are negotiated between the student and Corning Community College.

**HUMANTIES ELECTIVE      3 Credit Hours**

The course to be selected is negotiated between the student and Corning Community College.



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## **TECHNICAL STANDARDS**

The Arnot Ogden Medical Center School of Radiologic Technology does not discriminate in its admission of students. However, each student in the program must be able to meet the following radiologic technologist expectations.

A radiologic technologist must be able to:

1. Walk or stand, often in excess of 90% of the time, with or without wearing a lead apron.
2. Render assistance to all patients, depending on the individual patient's needs and abilities in moving, turning, and getting on and off an x-ray table. Also push, pull, or lift 50 pounds.
3. Move beds, stretchers, and mobile equipment safely.
4. Communicate effectively with patients, physicians, and other hospital personnel.
5. Read a patient's chart and physician's orders.
6. Evaluate radiographs for proper identification and diagnostic value.
7. Hear patients, physicians, and other hospital personnel.
8. Physically administer emergency care including performing CPR.
9. Properly manipulate all radiographic equipment.
10. Draw up contrast media and other solutions properly.

These standards are the expectations of all technologists. If you have any questions regarding your capability to perform these standards, you should discuss them with your personal physician. Your physician is your most reliable resource. You may also discuss your concerns or any questions you have with the director of the program

The Arnot Ogden School of Radiology is located on the campus of the Arnot Ogden Medical Center, which is designed to accommodate the needs of the handicapped individual. The School of Radiology provides handicapped parking, ramps, and access to restroom facilities.

Prospective students with physical limitations are encouraged to tour the school and discuss with their family physician to determine their ability to successfully complete the program requirements and technical standards. Additional information and tours can be arranged by calling the school.

The Arnot Ogden School of Radiology will make reasonable accommodations for qualified individuals with known disabilities as defined by the **Americans with Disabilities Act**, unless doing so would result in an undue hardship. Students with questions or concerns about type of discrimination in the program are encouraged to bring these issues to the attention of the faculty or Program Director. Supporting documentation and a personal statement is needed for accommodations of a diagnosed ADA –qualifying disability.

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## **CLINICAL EXPERIENCE**

Students begin their clinical education at Arnot Ogden approximately six weeks after entrance. This enables our students to promptly begin correlation of their didactic education to the clinical environment. Clinical is scheduled 8 am to 3:30 pm with a rotating 10:30 am to 6 pm afternoon rotation. Clinical sites currently include Arnot Ogden Medical Center, Horseheads Medical Office Building, Corning Medical Office Building, and AMS Hoffman and Madison Orthopedics.

Students must be CPR certified before starting clinical. Arnot Ogden students obtain experience with open-heart patients, intensive-care infants, and trauma patients as well as outpatient and in-patient services.

Students spend one rotation in each specialty area (Magnetic Resonance Imaging, Ultrasound, etc.) in their senior year. These experiences prepare our students for employment as radiologic technologists in various employment situation

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### **STUDENT SERVICES**

The school has a dedicated classroom located in the L.D. Clute Education Building and also an un-energized positioning lab. Students have access to a library, computers and Internet service. The Medical Center's Occupational Medicine Office provides services for immunizations and minor health matters. Students are referred to their personal physician for long term health matters.

### **ACADEMIC FACILITIES**

The School of Radiologic Technology teaching center is located in the L.D. Clute Education Building at Arnot Ogden Medical Center. The center includes a complete nursing laboratory, lecture hall, classrooms, and conference rooms.

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### **RESIDENCE FACILITIES**

Dormitory facilities are available on the Elmira College campus, approximately six blocks from the hospital teaching center. You also may choose to live at home or in the community. You'll be expected to provide your own transportation to assigned classes and/or clinical laboratory practice.

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### **LIBRARY INFORMATION**

- The Arnot Ogden Medical Center School of Radiologic Technology educational resources are reviewed on an annual basis in July.
- Students have the School of Radiology laptops, the computer in the student lounge, and multiples computers in the nursing lab at their disposal. All devices have secure internet service.
- All students have access to the LECOM (Lake Eire College of Osteopathic Medicine) library and all the resources provided through the LECOM library. Students can contact the LECOM Elmira Learning Resource Center via e-mail address [elmiralibrary@lecom.edu](mailto:elmiralibrary@lecom.edu) or 607-442-3566 or 3567.

LECOM Learning Resource Center is committed to providing quality service and access to information in support of the college mission. The Learning Resource Center maintains information essential for all curricula in osteopathic medicine, pharmacy and dental medicine. Today's healthcare professional must have the ability to use state-of-the-art technology and access current medical and pharmaceutical literature. The Learning Resource Center is dedicated to facilitating this process and assisting the students and staff of LECOM College of Medicine,

School of Pharmacy and School of Dental Medicine in becoming competent, independent users of timely information.

The Learning Resource Center provides the LECOM community with timely and accurate access to medical information directly related to academic study and research. Housing more than 12,000 monographs and 4,800 bound volumes of journals, the library also maintains 168 hardcopy journal subscriptions, as well as more than 1,100 electronic journal titles. Study areas contain multimedia and computer hardware. Students have access to wireless and Local Area Network ports in the library. Materials not available within the physical library are obtained through the National Network of Libraries of Medicine.

- Students also have access to electronic journals, books, and databases through the Library Link and Services on the ArNet.
- All students have a membership with the ASRT (American Society of Radiologic Technologists) providing them with publications and access to journals that feature peer-reviewed research, continuing education articles, and practice columns in the radiologic sciences.

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### **STUDENT SCHEDULE**

The radiologic technology program at Arnot Ogden Medical Center is a 23-month program beginning in August. You'll attend classes Monday through Friday with no classes nights, evenings, weekends, or holidays. Class hours are 8:00 a.m. to 4:30 p.m. or 7:30 a.m. to 4:00 p.m. depending on the scheduled day of the week.

The Associate degree classes are taught by Corning Community College (CCC). It is recommended for CCC classes to be taken as an online class. The radiology program adapts for the CCC classes so the student is not scheduled over an eight-hour day. Students have to attend a lab on CCC campus for Principles of Anatomy and Physiology. Class is held on the Elmira Campus for CCC.

The clinical assignments are done on a rotation basis. Clinical rotations for first-year students start approximately six weeks from the start of the program. Clinical rotation hours are at the discretion of the program director and subject to change. Most rotations are scheduled 8 am to 3:30 pm or 10:30 am to 6 pm. Seniors will spend rotations in specialty areas (M.R.I., Ultrasound, etc.). The JRCERT defines the operational hours of traditional programs as Monday- Friday, 5:00 a.m.- 7:00 p.m.

Students receive one week vacation in November (Thanksgiving week), a two-week vacation during the winter holiday season, and one week vacation in the spring. The program is not in session on the following holidays; Labor Day, Memorial Day and July 4th. First-year students receive a two-week vacation in the summer.

## 2021-2022 Academic Year

August	2	Class of 2023 Begins-1 <sup>st</sup> Semester
August	16	CCC Classes Begin
September	6	SORT Labor Day Holiday
October	11-15	No CCC Classes
November	22-26	No CCC Classes
November	22-26	SORT Fall Break
December	6-10	CCC Finals Week
December	20- December 31	SORT Vacation (Return 1/3/22)
December	10 – January 15	No CCC Classes
January	17	Martin Luther King Day- 2 <sup>nd</sup> Semester
January	18	CCC Classes Begin
February	21-25	No CCC Classes
March	28- April 1	No CCC Classes
March	28- April 1	SORT Spring Break
May	9-13	CCC Finals Week
May	13- August	No CCC classes
May	14	Corning CC Graduation
May	30	SORT Memorial Day Holiday
June	30	SORT Graduation (Class of 2022)
July	1-15	Vacation (Class of 2023 Return 7/18/22) 2 <sup>nd</sup> semester ends 7/15

**\*Changes are at the discretion of the Program Director.**

## **Semester Start and End Dates**

### **Class of 2022**

1 Year 1 Semester 8/10/2020 – 1/15/2021

1 Year 2 Semester 1/18/2021-7/16/2021

2 Year 1 Semester 7/19/2021-1/14/2022

2 Year 2 Semester 1/17/2022-6/30/2022

### **Class of 2023**

1 Year 1 Semester 8/2/2021 – 1/14/2022

1 Year 2 Semester 1/17/2022-7/15/2022

2 Year 1 Semester 7/18/2022-1/13/2023

2 Year 2 Semester 1/16/2023-6/29/2023

## **FINANCIAL INFORMATION**

Our financial aid officers are available to help you with applications for federal and state grants and Federal Direct Student Loans. You may contact a financial aid officer at [ebellinger@arnothealth.org](mailto:ebellinger@arnothealth.org). Be sure to mention in your e-mail that you are an entering School of Radiology student.

All accepted students are recommended to complete a free application for Federal Student Aid (FAFSA) (School Code 006435). You can file the form online at [www.fafsa.ed.gov](http://www.fafsa.ed.gov).

If you are a New York State resident you may also complete a Tuition Assistance Program (TAP) application (School Code: 1620). You can file the form online at [www.hesc.gov](http://www.hesc.gov).

The Arnot School of Radiology does offer a (one) full- or partial tuition scholarship to a legal dependant of Arnot Health. The scholarship covers tuition and fees only. FASFA is required. (Provided budget approved). Please contact the director for an application. The application is due May 31<sup>st</sup> of each year.

The Arnot School of Radiology also offers numerous scholarship to incoming seniors students.

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## **FINANCIAL COSTS**

The estimated total two-year cost of attending the Arnot Ogden Medical Center School of Radiologic Technology is:

### **Arnot Ogden Medical Center School of Radiologic Technology ONLY:**

Tuition:	\$10,091
Fees:	\$1,065
Books:	<u>\$1,170</u>
	\$12,326

**New York State resident:**

**Arnot Ogden Medical Center School of Radiology Program Tuition and Fees:**

	\$11,156
With CCC Tuition and fees:	\$ 6,946
*Books:	<u>\$ 6,400*</u>
Total:	\$24,502

**Non-New York State resident:**

**Arnot Ogden Medical Center School of Radiology Program Tuition and Fees:**

	\$11,156
With CCC Tuition and fees:	\$10,861
*Books:	<u>\$ 6,400*</u>
Total:	\$28,417

This estimated cost of attending the School of Radiologic Technology is based on completing the program in two years. All students are required to complete the program within the two year timeframe.

**NOTE: Expenses are based on current costs and are subject to change.**

\*The book fee includes the cost of books for both the Corning Community College classes and the Arnot Ogden Medical Center program classes. Students pay for all books themselves. This number is an estimate.

1. Upon notification of acceptance, the applicant is required to pay the matriculation fee of \$300, which is not refundable. This pre-admission fee is applied toward the initial tuition payment.

**2. Corning Community College Certificate of Residence Policy**

A certificate of residence qualifies students to pay the in-state tuition CCC Tuition rate. To qualify for the in-state tuition rate, students must submit a Certificate of Residence issued by the county in which they reside. Without a Certificate of Residence, the out of state tuition is charged.

To qualify for a Certificate of Residence, students must have lived in New York State for the past 12 months. Residency is verified by the county in which they have lived for the six months prior to attending the college. If they have lived in more than one county during those six months, verification from each county will be required. If a student moves to New York State from another state specifically to attend college, he/she does not qualify for the in-state tuition rate.

An application for the Certificate of Residence will be sent by the college at the appropriate time. Since each county follows its own procedures for issuing certificates, follow the procedures for the appropriate county as outlined on the back of the application form.

On campus, Certificates may be completed in Student Administrative services. Note: the Certification is valid for one academic year; a new certificate is required for each academic year of attendance.

3. Any student who transfers in a college course required to graduate will have the appropriate tuition deducted from their billing.

4. All students are required to have health insurance coverage. Arnot Ogden Medical Center Hospitalization Insurance is available. Current rates can be obtained from our Human Resources Department.
5. Cost of transportation to and from cooperating agencies or institutions and all personal expenses are the financial obligation of the student.
6. The Cafeteria or Hospitality Shop of the hospital is available for eating facilities.
7. Fees include CCC lab fees, graduation costs, library fee, activity fee and health fee. A mandatory advising, assessment, records fee to Corning Community College is based on the total number of credit hours taken per semester. The fee charge is:

4.5-6.5 credit hours- \$ 7.50  
 7.0-11.5 credit hours-\$15  
 Full Time- \$30

8. CCC student activity fee is optional. Students will be charged according to the credit hours being taken at CCC per semester: \$4.75 per credit hour up to a maximum of \$57.00 per semester.
9. Students taking classes at CCC will be required to pay for a CCC parking sticker. The cost is \$20 per year.
10. Students who take CCC classes will be charged a CCC technology fee. The fee is \$12.00 per semester per credit hour.
11. The following CCC fees are mandatory: student accident insurance (\$8.50), ID card fee (\$10), and Health fee (\$5.00), lab fee (\$30 per credit hour)
12. Uniforms for the clinical area are approximately \$100 per set of scrub top and pants. The purchases of uniforms are the responsibility of the student.
13. The student and/or parents or guardian are held accountable for the total cost of the term regardless of financial arrangements made with the school.
14. A credit balance in a student's account resulting from withdrawal, overpayment, or adjustment shall be refunded.
15. All fees and expenses must be paid prior to receipt of the diploma.

**REFUND POLICY - ARNOT OGDEN MEDICAL CENTER  
SCHOOL OF RADIOLOGIC TECHNOLOGY**

In the event a student finds it is necessary to withdraw from the program prior to completing a term or level, refunds for tuition and fees assessed for AOMC Radiologic Technology Courses will be made according to the following schedule, less a \$100 administrative fee:

Prior to the start of a term - 100%	First Semester	Second, Third & Fourth Semester
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## Week of Withdrawal

Orientation/Registration Week	95%	N/A
First Week of Classes	90%	50%
Second & Third Week of Classes	80%	25%
Fourth, Fifth & Sixth Week of Classes	70%	0%
Seventh & Eighth Week of Classes	60%	0%
Ninth, Tenth & Eleventh Week of Classes	50%	0%
Twelfth & Thirteenth Week of Classes	40%	0%
Fourteenth Week of Classes	30%	0%

The student must provide the school with written notification of their withdrawal. The refund will be calculated based on the date the written notification is received by the school.

Any student who fails to attend classes and contact the Director will be considered no longer inattendance after 3 days.

There is no refund after the fourteenth week of classes for a student attending the Arnot Ogden Medical Center during the first semester or after the third week of classes during the second, third or fourth semester.

The refund rates for Corning Community College Courses will be made according to the CCC Refund Policy. (Copy attached.) The refund rates for Elmira College Room Charges will be made according to the EC Refund Policy. (Copy attached.)

AOMC will credit refunds in the following manner:

1. To outstanding balances on FFEL Program Loans,
2. To outstanding balances on Federal Perkins Loans,
3. To Federal Pell Grant Awards,
4. To Federal SEOG Awards,
5. To other Title IV Student Assistance, and
6. To the Student.

If there is any remaining credit balance, it will be applied in the above manner. A credit balance on a student's account resulting from a withdrawal, overpayment, or adjustment shall be refunded within thirty days.

## **CORNING COMMUNITY COLLEGE**

### **Refund of Tuition and Fees**

The refund policy for tuition and fees is as follows:

If you drop courses within the first three weeks of classes, but do not completely withdraw from the College, you may be eligible for a refund of tuition and fees. If you completely withdraw from classes, you may also receive a partial refund of tuition and fees. The withdrawal date is determined by the date you officially notify the Director, School of Radiologic Technology and Student Administrative Services at Corning Community College.



The following schedule illustrates the percent to be refunded for completely withdrawing from the College:

### **Fall or Spring Semester**

Week of Withdrawal	Percentage
1 <sup>st</sup> week	75%
2 <sup>nd</sup> week	50%
3 <sup>rd</sup> week	25%
4 <sup>th</sup> week and after	0%

Amounts to be refunded shall first be credited to outstanding balances and to any loss or reduction of awards under financial aid assistance programs.

If you withdraw from a full-time course load, an administrative fee of \$50.00 will be charged. If you withdraw from a part-time course load, a \$25.00 fee will be charged. If you withdraw and still have financial obligations, your records (i.e., academic transcripts) will be held until those obligations are satisfied. If you are dismissed from the College for other than academic reasons, you are not entitled to a refund.

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### **TRANSFER CREDIT**

Credit for your previous education and/or training will be granted if applicable and appropriate.

Transfer credit will be given for the required college courses if the student has a minimum grade of a "C". When a question arises regarding a course being transferable, Corning Community college will be asked to make a determination regarding the transfer of credit.

The transfer of Anatomy and Physiology I and II will only be considered if the applicant has completed the total 8 credit hours within 5 years of entrance into Arnot Ogden.

Any student requesting transfer into the program from another radiology program will be considered based on the following criteria:

1. A position is available for the student
2. The student must submit transcripts and course descriptions from the school they are transferring from.
3. The student must satisfactorily complete all final exams that have been completed by Arnot Ogden students at the requested entry level.
4. The student will be required to complete all Arnot Ogden clinical competencies.

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### **GRADUATION REQUIREMENTS**

All students are required to complete the program within twenty-four months.

In order to graduate the student is required to have a final average of 80% at the end of each radiology course. Students who do not maintain an 80% average are dismissed from the program.

Students who successfully complete the following requirements are eligible for graduation and are awarded a diploma and school pin:

1. Completion of the entire program of studies which includes at a minimum an Associate's degree.
2. All students are required to also have Anatomy & Physiology (8 credits).
3. All financial obligations must be satisfied.
4. Recommendation by all members of the faculty.

Graduation exercises are held once a year in late June. Students who complete the program of study within the calendar year will be included in the exercises for that year. Students completing the program at a later date than the graduation date, due to make-up time or failure to complete clinical requirements, will receive their diploma and school pin on their finishing date. However, they are required to attend the graduation exercises.

A student who finishes the program after the scheduled graduation date will be charged additional tuition of \$500 per week until completion (\$100 per day).

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## **ADMISSIONS**

Applicants must be at least 17 years of age and be a graduate of an accredited high school or have successfully completed the high school equivalency exam. Applicants are recommended to take the College Examination Board Scholastic Aptitude Test (SAT) or the American College Test (ACT). A minimum of three units of mathematics including algebra and three units of science including general science and biology is required. Additional courses in math and science are strongly recommended. The school admits seven students per year.

- Starting in 2023, Anatomy and Physiology will be a required prerequisite.

Of particular interest to the admissions committee is strength in the areas of math and science. The admissions committee uses a point system for each applicant that incorporates their math and science background, rank in class, and SAT or ACT scores.

**The minimum grade for a math or science class to count in the point system is 72.5.**

It is the policy of the school to provide equal opportunity without regard to race, color, national origin, creed, sex, sexual orientation, age, disability, marital status, and other reasons prohibited by law.

Upon acceptance in the School of Radiologic Technology, the applicant must submit and complete a criminal background check. An offer of admission is not final until the background check is completed with favorable results. The criminal background check must be completed by the deadline set by the Director.

Any unfavorable results will be discussed with the Director. The Director will present any options available to the applicant.

Past criminal history may have an impact on obtaining certification, licensure and employment as a radiologic technologist.

Applicants who refuse to submit to a background check will be denied admission into the School of Radiology.

All fees for the criminal background check are the responsibility of the applicant. It is the responsibility of each applicant to pay for the screening through direct payment to CastleBranch.com.

All background screenings are conducted by a third party to ensure privacy. Results from another company other than CastleBranch.com will not be acceptable.

After acceptance and completion of the criminal background check, applicants will be scheduled for a physical examination by the Arnot Ogden Medical Center through the Arnot Health Occupational Medicine Office.

Final acceptance into the School of Radiologic Technology is dependent upon successfully passing the substance abuse testing portion of the physical examination (including hair testing and breathalyzer).

### **SCHOOL ACCREDITATIONS AND AFFILIATIONS**

The School of Radiologic Technology is accredited by the Joint Review Committee on Education in Radiologic Technology:

The current length of accreditation awarded to the School of Radiologic Technology is 5 years. The program is scheduled for a review 10/01/2020.

JRCERT  
20 North Wacker Drive, Suite 2850  
Chicago, IL 60606-3182  
(312) 704-5300  
E-mail: [mail@jrcert.org](mailto:mail@jrcert.org)  
Website: [www.jrcert.org](http://www.jrcert.org)

The School is registered by the New York State Department of Health (NYSDOH):

New York State Department of Health  
Bureau of Environmental Radiation Protection  
547 River Street; Room 530  
Troy, NY 12180-2216

The School is approved by the New York State Division of Veteran's Affairs for the training of veterans and other eligible persons.

The school is affiliated with the National College Credit Recommendation Service ([www.nationalccrs.org](http://www.nationalccrs.org)). Students graduate with 60 recommended college credit hours.

The school has an affiliation agreement with Corning Community College ([www.corning-cc.edu](http://www.corning-cc.edu)), located in Corning, NY. Corning Community College accepts 31 of the Arnot Ogden Medical Center recommended college credit hours towards the completion of an Associate's degree.

## Program Effectiveness Data

The following is the most current program effectiveness data for the certificate in radiologic technology for the hospital based program at the Arnot School of Radiology. Our accreditation agency, the Joint Review Committee on Education in Radiologic Technology (JRCERT), defines and publishes this information. [Visit jrcert.org](http://www.jrcert.org)

Outcome Measure	Year	Results
<b>Credentialing Examination:</b>  The number of students who pass, on the first attempt, the American Registry of Radiologic Technologists (ARRT) certification examination, or an unrestricted state licensing examination, compared with the number of graduates who take the examination within six months of graduating.	2020	4/4 (100%)
	2019	4/5 (80%)
	2018	7/7 (100%)
	2017	5/5 (100%)
	2016	6/6 (100%)
	<b>Current 5-Year Average</b>	<b>Program Results</b>
	<b>JRCERT Benchmark 75%</b>	<b>96%</b> <b>(26/27)</b>
<b>Job Placement:</b>  The number of graduates employed in the radiologic sciences compared to the number of graduates actively seeking employment* in the radiologic sciences, within twelve months of graduating.	2020	4/4 (100%)
	2019	4/4 (100%) (1 not actively seeking)
	2018	7/7 (100%)
	2017	5/5 (100%)
	2016	5/5 (100%) (1 not actively seeking)
	<b>Current 5-Year Average</b>	<b>Program Results</b>
	<b>JRCERT Benchmark 75%</b>	<b>100%</b> <b>(25/25)</b>
<b>Program Completion:</b>  The number of students who complete the program within the stated program	2020	4/7
	<b>Most Recent Program Completion Rate</b>	<b>Program Results</b>

length.	<b>Program Benchmark 85%</b>	<b>57% (4/7)</b>
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\*The JRCERT has defined not actively seeking employment as: 1) the graduate fails to communicate with program officials regarding employment status after multiple attempts, 2) the graduate is unwilling to seek employment that requires relocation, 3) the graduate is unwilling to accept employment due to salary or hours, 4) the graduate is on active military duty, and/or 5) the graduate is continuing education.

**SECURITY: Right –To-Know and Campus Security**

In accordance with the Security Guard Act of 1992, all Arnot Health Public Safety Officers are licensed through the New York State Division of Criminal Justice Services, Office of Public Safety. Officers respond to emergencies 24 hours a day, 7 days a week.

Under NYS General Business Law, Public Safety Officers are designated as agents of the organization and are the primary emergency responders on the Arnot Ogden Medical Center and Saint Joseph’s Hospital campuses. The Department of Public Safety works closely with local police, fire, and EMS personnel to ensure a safe environment on Arnot Health properties.

**CLERY ACT**

Federal statute (20 USC 1092(f)) requires all colleges and universities that participate in Federal Title IV student financial aid programs to disclose campus crime statistics and security information. Compliance with the Clery Act falls under the mandate of the US Department of Education.

The Clery Act requires that institutions must collect, classify, and count reported crimes that occur on campus and related properties, and that this information be published and distributed to students and employees. It further requires that an institution provide emergency notification when a situation that presents an immediate threat to the health and safety of students or employee is occurring on campus.

The Clery Act also requires that the campus community be informed on where to obtain information regarding sex offenders.

**RECORDS COLLECTION AND RETENTION**

Public Safety must keep records of crimes reported, make efforts to obtain certain crime statistics from other law enforcement agencies, and keep a daily log open for public inspection.

**VIOLENCE AGAINST WOMEN ACT (VAWA)**

The US Department of Education has recently amended the annual security report to include crimes that fall under VAWA. These include: domestic violence, dating violence, sexual assault and stalking.

Additionally, Public Safety will be working with the Arnot Health Education Department to establish and provide education to students and employees regarding these acts.

**PUBLIC SAFETY REPORT**

The following table is the Clery Act required report for Arnot Ogden Medical Center’s School of Nursing and School of Radiology, as well as campuses related to medical student and resident facilities.

This report is compiled on an annual basis (Jan. 1 – Dec. 31). It is provided to all current students and employees, and is available to any applicant for enrollment or employment upon request.

		Hate Crimes														
		Murder/Non-negligent Manslaughter	Negligent Manslaughter	Rape	Fondling	Incest	Statutory Rape	Robbery	Larceny-Theft	Simple Assault	Intimidation	Damage/Vandalism of Property	Aggravated Assault	Burglary	Motor Vehicle Theft	Arson
<i>ArnotHealth</i>																
On Campus	2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non Campus	2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Property	2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

## APPLICATION PROCEDURE

1. Complete your application form and submit with your \$30 application fee payable to the Arnot School of Radiology. Cash will not be accepted.
2. With your application, submit your letter of intent answering the questions on the back of the application.
3. Submit an official copy of your high school transcript.
4. If applicable, submit an official copy of your GED including scores plus an official high school transcript.
5. Submit an official copy of college transcripts for any colleges you have ever attended.
6. Assure that all references have been submitted. Two references are required to be completed on the Arnot Ogden School of Radiologic Technology form. A guidance counselor, teacher or employer should complete these forms. The use of family members is not allowed.
7. The deadline for receipt of your application including your two reference forms and all transcripts is February 28<sup>th</sup>.
8. All applicants are required to present themselves for a personal interview with the Admissions Committee. You will be contacted, if you meet the minimum requirements for admission into the program, to schedule an interview.
9. It is recommended that applicants schedule a shadowing experience with the school by calling Ms. Laura Reed, Clinical Instructor at (607) 737-4317 or [lreed@arnohealth.org](mailto:lreed@arnohealth.org)

Mail your completed application, letter of intent, and your check or money order to:

Director  
School of Radiologic Technology  
Arnot Ogden Medical Center  
600 Roe Ave.  
Elmira, NY 14905-1676

If you have any questions please contact the Director of the School of Radiology at (607) 737-4289 or [vyoungs@arnohealth.org](mailto:vyoungs@arnohealth.org).

## **GRIEVANCE POLICY #0018**

The Arnot Ogden Medical Center School of Radiologic Technology recognizes that it is important for its success to have a formal procedure for resolving complaints and grievances. A complaint or grievance can be defined as something in the student work environment that causes distress, a reason for complaint, or a feeling of having been treated unfairly.

The complaint/grievance procedure includes the following objectives:

- A. To provide students with an accessible and fair mechanism for being heard.
- B. To make the School Director and Faculty aware of problems and provide a formal means for prompt consideration of complaints/ grievances.
- C. To provide the student with a remedy in a timely manner.
- D. To respond to student grievances/complaints in an atmosphere conducive to open communication.
- E. To respect the confidentiality of all parties involved, as appropriate. When possible, conflicts should be resolved at their lowest level between those individuals involved.

School faculty are available to discuss problems and complaints, all conferences being confidential. Problems incurred in the clinical area should be brought to the attention of the Clinical Instructor who will consult with the Director. Other problems should be brought to the attention of the Director.

### **Procedure:**

1. Students are requested to consult the Director or Clinical Instructor about the problem that causes concern within four (4) days after the date of the incident giving rise to the complaint/ grievance. After discussion, the Director will respond with a decision to the student within two working days.
  
2. If the problem is not resolved, the student may discuss the problem with the school division head. An answer will be given to the student within three (3) working days.
  
3. If the problem is still not resolved, the problem will be referred to a special "Grievance Committee". An answer will be given to the student within two weeks. The Grievance Committee will consist of:
  - A. Administrative Representative (Chief Nursing Officer)
  - B. Human Resources Representative
  - C. Corporate Compliance Representative
  - D. Director of Pastoral Care
  
4. If a student is unable to resolve the complaint, he or she may send a letter or telephone



the Postsecondary Complaint Registry to request a complaint form.

Telephone (212) 951-6493 or write to:

New York State Education Department  
Postsecondary Complaint Registry  
One Park Avenue, 6th Floor  
New York, New York 10016

Any student has three years to file a complaint with the New York State Postsecondary Complaint Registry

Students have access to the “Standards for an Accredited Educational Program in the Radiologic Sciences” from the Director. These standards are also available from:

The Joint Review Committee on Education in Radiologic Technology  
20 North Wacker Drive, Suite 2850  
Chicago, IL 60606-3182  
(312) 704-5300  
Web Site: [www.jrcert.org](http://www.jrcert.org)

Allegations of non-compliance with JRCERT standards would be addressed by following the Grievance Procedure. Students can contact the JRCERT.

STANDARD OF SATISFACTORY ACADEMIC PROGRESS  
 FOR DETERMINING ELIGIBILITY FOR STUDENT FINANCIAL AID  
 (Effective for **student's first receiving aid in 2010-11 and thereafter for non-remedial students**)

**Institution:** Arnot Ogden Medical Center School of Radiologic Technology, Elmira, NY

Calendar: Semester (6 Month)                      Program: 2-year Associate and Certificate

BEFORE BEING CERTIFIED FOR THIS PAYMENT	First	Second	Third	Fourth
A STUDENT MUST HAVE ACCRUED AT LEAST THIS MANY CREDITS	0 College Credits 0 Radiology Credits	13 College Credits 30 Radiology Credits	15 College Credits 42 Radiology Credits	15 College Credits 57 Radiology Credits
WITH AT LEAST THIS GRADE POINT AVERAGE (in Radiology courses)	0	80% 2.0 GPA	80% 2.0 GPA	80% 2.0 GPA

**DATE:** October 31, 2012

**GRADING SYSTEM**  
**ACADEMIC POLICIES**

Students are expected to maintain a grade average of 80% at the completion of each course of the program. There is an established grading system from which grades are computed giving recognition to both theory and clinical experience. The cooperating agencies will grade the student's progress according to their respective grading scales. The following grading scales are utilized in evaluating student's achievement at the School of Radiologic Technology and Corning Community College.

**GRADING SYSTEM**  
**School of Radiologic Technology**

<u>Numerical</u>	<u>Quality Points</u>
98-99-100	3.8, 3.9, 4.0
95-96-97	3.5, 3.6, 3.7
92-93-94	3.2, 3.3, 3.4
89-90-91	2.9, 3.0, 3.1
86-87-88	2.6, 2.7, 2.8
83-84-85	2.3, 2.4, 2.5
80-81-82	2.0, 2.1, 2.2
78-79	1.7, 1.8
77	1.3
76	1.0
75	0.7
Below 75	0.

P = Satisfactory

I = Incomplete

W = Withdrawal

IP = In Progress

95 -100 = Excellent: Exceptional quality of performance, far surpassing what is expected at this level; proceeds independently and effectively after initial supervision and/or instruction. Uses the problem-solving method well. Demonstrates initiative and creativity.

86 – 94 =Above Average: Very competent; proceeds with minimal guidance after initial instruction and/or supervision. Recognizes overt problems and, with assistance, effectively applies the problem-solving method. Demonstrates initiative and/or creativity.

78 – 85 Average: Conscientious; shows growth in response to supervision and guidance. Identifies many overt problems and seeks help in solving them.

75 - 77 Below Average: Needs to improve and assert initiative and become more involved. Overlooks overt problems; requires much assistance in using the problem-solving method. Requires considerable support in new situations. Adjusts very slowly in new situations.

Below 75 = Unsatisfactory: Does not meet minimal requirements. Requires an unusual amount of assistance in responding to problems which are called to his/her attention. Does not adjust to new situations.

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<u>Letter</u>	<u>Quality Points</u>
A, A-	4.0, 3.7
B+, B, B-	3.3, 3.0, 2.7
C+, C	2.3, 2.0
D	1.0
F	0.0

Each Corning Community college instructor will explain their grading procedure at the beginning of their specific course.

There is provision for academic probation when a student has less than 80% average. A student may be placed on probation at the mid-point of a course. This

constitutes a warning to the student that dismissal may result for lack of improvement. Students will be considered on an individual basis.

Students are evaluated by the instructor at the end of each level. The students are promoted to the next year following successful completion of the program studies and demonstration of desirable personal and professional attributes.

Final course averages are calculated by weighting the average of periodic tests, reports, and graded assignments 50%; and the final examination for a course will be weighted 50%. If there is no final examination for a course, then all periodic tests, reports and graded assignments will be weighted equally.

## **CLINICAL EDUCATION POLICY AND GRADING**

There is a weighting of the components making up the student's clinical grade. The following competency form is 50% of the grade, and evaluates based on the following topics:

- Evaluation of Requisition
- Physical facility Readiness
- Patient Assessment and Management
- Proper use of collimation
- Proper Patient Positioning
- CR, Part, IR alignment
- Radiation Protection
- Equipment Manipulation
- Image Identification
- Proper Use of Controls/Techniques

The following additional exams evaluation is 25% of the grade, and evaluates:

- Patient Communication Skills
- Proper patient positioning
- CR, Part, IR alignment
- Radiation Protection
- Exposure Factors

The following Technologist Evaluation is 25% of the grade, and evaluates:

- Confidence in abilities

Critical thinking  
Proficiency of equipment  
Communication with patients, staff and physicians  
Professionalism  
Cooperation  
Initiative  
Organization  
Competency  
Quality of procedures  
Radiation protection

Passing grade for the clinical portion of the program is 80%. Clinical instructors will determine clinical grades with input from the technologists in each of these areas. Deductions will be made for incomplete technique book and unprepared vital signs. The Competencies and Technologist Evaluation will be reviewed with the student by a clinical instructor. The student will sign the evaluation documenting that they have seen the evaluation and they are encouraged to write any comments that they would like documented.

Technologists are allowed to do competencies with students after their 90 day probation period and after having completed the ASRT Student Supervision Training video, quiz and readings.

Students must complete the MR Safety Screening Form before they enter clinical. Students are required to inform the director of any surgeries performed during the program that involve a metal implant.

### **Clinical Education Policy**

#### Freshman:

1. No student is to position a patient for an anatomical region until all didactic and supervised laboratory experience is completed. Positioning must be satisfactorily performed for the instructor.
2. Each student must pass his or her clinical competency with an 80%.
3. No student can attempt a second competency for a grade, on the same day they failed that specific competency.
4. After the completion of the clinical competency, the student must do a total of two patients for each area under:

#### Director Supervision -- Phase I

- A. Clinical Instructor, or an RT is to be present for the exam (another student does not count).
- B. Radiographs are to be checked by a Clinical Instructor or RT before the patient leaves the Radiology Department.
- C. On Clinical Record Sheets check Direct Supervision.
- D. Check marks in performance competency booklet will only be given by the clinical instructor after the evaluation of radiographs.

5. After two examinations with an RT present and a passed competency, the student may enter the Direct Supervision -- Phase II.
  - A. Requisition is to be evaluated by clinical instructor or RT to determine if the procedure is within the student's capabilities.
  - B. If it is determined that the student may do the patient, the clinical instructor or designated RT will initial the requisition.
  - C. All radiographs are to be check by a clinical instructor or an RT before the patient leaves the Radiology Department.
6. A second year student cannot supervise a freshman student.
7. An RT is to be present for all repeat imaging.
8. A list of competency requirements will be included with the clinical objectives that are given to the student before the start of clinical assignments.
9. If clinical objectives are not met at the end of each level, the student will be placed on probation, and their calculated clinical grade will be lowered one level grade (3 points). If a student is placed on clinical probation for any reason, the clinical grade will be lowered (3 points) for each occurrence.
10. All freshman competencies must be completed by December break of the second year or the student will be placed on probation.
11. The faculty reserves the right to terminate any student for repeated probationary status and failure to meet clinical standards.

### Seniors

1. No student positions a patient until didactic and supervised laboratory experience is completed. Positioning must be satisfactorily done for the supervising instructor.
2. Each student must pass his or her clinical competency with an 80%.
3. No student can attempt a second competency for a grade, on the same day they have failed that specific competency.
4. After the completion of clinical competency, the student is under the guidelines of:
 

Indirect Supervision:

  - A. A registered radiographer is present on the premises and available for immediate assistance to the students.
  - B. All images must be reviewed by a technologist before a patient is allowed to leave the facility.
5. A second year student cannot supervise freshman students.
6. All repeats are to be done in the presence of a registered radiographer.
7. A list of competency requirements will be included with clinical objectives that are given to each student before the start of assignments.
8. If clinical objectives are not met at the end of each rotation, the students' calculated clinical grade will be lowered one level grade (3 points). If a student is placed on clinical probation, for any reason, the clinical grade will be lowered (3 points) for each occurrence.
9. Students cannot be pulled from specialty areas to perform competencies.
10. All competencies are to be completed by the formal graduation date. Any student who does not have their competencies completed will meet with the director to discuss options for completion after the formal graduation date.

11. A student who has to continue in the program beyond the specified graduation date because of not completing competency requirements will be charged \$100 per eight (8) hours.

### **11. Terminal Competencies**

During the final semester of the student's enrollment, each student is expected to demonstrate competency appropriate for an entry-level technologist. Each senior student will perform a designated number of positions for each category either on actual patients or by simulation.

The specific positions to be evaluated will be randomly selected by the evaluating clinical instructor and will not be known ahead of time by the student. The required number of positions for each category is as follows:

Upper Extremity	-	3
Lower Extremity	-	3
Bony thorax	-	3
Pelvic Girdle	-	2
Abdomen and Chest	-	3
Contrast studies	-	3
Portable exam	-	1
Skull	-	3
Vertebral Column	-	3

The evaluation of the student will be the same criteria as the routine clinical competency. For each competency failed, the student must successfully repeat that competency and two additional positions under that category.

Retesting will not be done on the same day.

Only two minutes will be allowed for each position.

Each student will be responsible for completing the Terminal Image Evaluation. The Image Evaluation will include an analysis of technical factors and the identification of anatomy.

Each student must pass the Terminal Image Evaluation with a grade of 80%.

The Terminal Competency Master Sheet will be maintained in each student's clinical folder indicating the position and date each competency was successfully completed.

In the event that a student is experiencing difficulties, information conferences are planned with the Director, the instructor and the student in order to provide unified support and to determine and resolve any problems, either personal and/or academic. If requested by the student, parents may be invited for these conferences.

The Family Education rights and Privacy Act, known as the Buckley Amendment, was enacted in 1974 and is presently in operation. The enforcement of this act means that students have the right to review all of their records, challenge any of the contents and must be assured of the confidentiality of the contents.

Unless written consent is presented to school officials, no one may receive grades or other information contained in the student's record. Also, to comply with this law, grade reports, transcripts and references will not be released without written consent of the student or graduate. This policy includes parents and spouses.



### COMPETENCIES

<b>Mandatory (36)</b>	<b>Elective (Minimum 15 required)</b>
Chest Routine	Chest Lateral Decubites
Chest (Stretcher or WC)	Sternum
Ribs	Soft Tissue Neck
Finger	Scapula
Hand	AC Joints
Wrist	Toes
Forearm	Patella
Elbow	Calcaneus
Humerus	Skull
Shoulder	Paranasal Sinuses
Trauma Shoulder	Facial Bones
Clavicle	Orbits
Trauma Upper Extremity (Non-Shoulder)	Zygomatic Arches
Foot	Nasal Bones
Ankle	Mandible
Knee	Tempomandibular Joints
Tibia-Fibula	Sacrum or Coccyx
Femur	Scoliosis Series
Trauma Lower Extremity	SI Joints
Cervical Spine	Abdomen Decubitus
Thoracic Spine	Intravenous Urography
Lumbar Spine	Pediatric Upper Extremity
Cross Table Lateral Spine	Pediatric Lower Extremity
Pelvis	Pediatric Abdomen
Hip	Pediatric Portable
Cross Table Lateral Hip	
Abdomen Supine	<b>Fluoroscopy * Student must have UGI or Contrast Enema plus one other</b>
Abdomen Upright	
C-arm (more than one projection)	UGI
C-arm (sterile field)	Contrast Enema
Portable Abdomen	Small Bowel Series
Portable Chest	Barium Swallow
Portable Orthopedic	Cystography/Cystourethrography
Pediatric Chest	ERCP
Geriatric Chest	Myelography
Geriatric Upper Extremity or	Arthrography
Geriatric Lower Extremity	Hysterosalpingography
	*Student must have at least one headwork exam

Trauma- Student must alter exam to accommodate patient's injury

- \*All pediatrics are age 6 or younger, All Geriatric 65 and older and physically or cognitively impaired as a result of aging

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**ABOUT OUR FACULTY**

The school faculty consists of a staff of clinical and academic instructors. Certified radiologic technologists who also have degrees in educational methods and content teach radiography courses. Full time Corning Community College faculty members teach courses provided by the College.

- Vicki Youngs . . . . . Director, School of Radiologic Technology**
- Laura Reed. . . . . Clinical Instructor**
- Natasha Wray. . . . . Assistant Clinical Instructor**
- Judy Wolf.....Systems Director of Radiology**
- Denise Talenti..... System Director of Education**
- Elyse Bellinger . . . . . Financial Aid**
- Dr Edwin R. Acosta.... Medical Director, Radiology**
- Dr. David T. Rayne. . . . . Radiologist**
- Dr. David A. Chung ..... Radiologist**
- Dr. Tareen Loqman . . . . . Radiologist**
- Dr. Gerald C. Buffo. . . . . Radiologist**
- Dr. Thomas F. Taylor. . . . . Radiologist**
- Adrian Gonzales.....RPAC**
- Dr. Alicia Shaikh. . . . . Radiologist Resident**
- Dr. Mitchell Pearce. . . . . Radiologist Resident**
- Dr. Emily Rey. . . . . Radiologist Resident**
- Dr. Joseph Birkman. . . . . Radiologist Resident**
- Dr. George Demosthenes. . . . . Radiologist Resident**
- Dr. Mark Julian. . . . . Radiologist Resident**
- Dr. Emma Bentley. . . . . Radiologist Resident**
- Dr. Mathieu Mehl . . . . . Radiologist Resident**

