

School of Radiologic Technology



LAKELAND REGIONAL MEDICAL CENTER SCHOOL OF RADIOLOGIC TECHNOLOGY

WELCOME.....

Welcome to the exciting field of **Radiologic Technology**. As you read through this catalog, you will be taking your first step into a fascinating career in one of today's most vital health care fields.

As a Radiologic Technologist, you are part of a highly educated team of health care professionals who are dedicated to bringing health and well-being to thousands of people. You'll work with some of the most advanced diagnostic equipment available today, and will enjoy the title of *Technologist* in the highest sense of the word.

Radiologic Technology offers limitless opportunities for growth. The education offered at Lakeland Regional Medical Center provides exposure to many Radiologic disciplines including *Diagnostic & Fluoroscopic Imaging, Vascular & Interventional Imaging, Cardiac Imaging, Magnetic Resonance Imaging (MRI), CT Imaging, Mammography, Ultrasound, Radiation Therapy, and Nuclear Medicine*. This exposure will open the door to specialization if you wish to continue your education. The choice is entirely up to you.

Lakeland Regional Medical Center's School of Radiologic Technology is among the finest in its field, and has attained an outstanding reputation throughout the southeast. Unlike large college-based programs, students interact on a one-to-one basis with their instructors. You receive the best education available, under the watchful eyes of professionals.

Although Lakeland Regional Medical Center does not guarantee job placement, the school receives requests for graduating technologists on a regular basis from hospitals, clinics, and physicians throughout the region, and historically all graduates have secured positions in the Radiologic Technology field within three months after graduation.

Indeed, the future is wide open for the health care technologist of tomorrow. And at Lakeland Regional, we're dedicated to giving you all the education and guidance you need to take your place in one of health care's most exciting fields.

Our Vision

Lakeland Regional Medical Center School of Radiologic Technology, providing the best educational experiences.

Our Core Purpose / Mission

Graduating individuals with the qualities, knowledge, and competencies necessary to become Registered Radiologic Technologists.

Our Values & Beliefs

Accountability, Care, Courtesy, Integrity, Stewardship, and Quality

Our Goals

- Goal 1. Students will develop competencies for successful practice.
- Goal 2. Students will develop and apply professional ethics and characteristics of a healthcare practitioner.
- Goal 3. Students will demonstrate abilities in communication, critical thinking and problem solving necessary for professional practice.
- Goal 4. The program will help to fulfill the community's need for certified radiographers.

INTRODUCTION

Radiologic Technology is both an art and a science. The Radiographer today performs an important function in the field of medicine by assisting Radiologists obtain diagnostic images of the human body. Radiologists are physicians who specialize in the use of x-rays and other electromagnetic-spectrum radiations to diagnose and treat disease and traumatic injury.

The role of the **Radiologic Technologist** (or "Radiographer") is varied, and includes providing quality patient care while performing various radiology related procedures. The primary function of a Radiographer is to use x-rays to visualize and record anatomy of the human body. This entails knowledge of:

- * theories of x-ray production
- * interaction of photon energy with matter
- * biological effects of radiation on living cells
- * anatomy and physiology of the human body
- * pathology
- * patient care and nursing skills
- * exact patient positioning to allow for the visualization of anatomy on a radiograph

GENERAL INFORMATION

The Lakeland Regional Medical Center School of Radiologic Technology provides a diverse education in radiologic technology and enables graduates to become a registered Radiologic Technologist. The School of Radiologic Technology was organized in 1965 and is sponsored by the hospital.

The Lakeland Regional Medical Center School of Radiologic Technology is accredited by the following agency:

Joint Review Committee on Education in Radiologic Technology (JRCERT)
20 North Wacker Drive, Suite 2850
Chicago, Illinois 60606-3182
(312) 7045300
e-mail: mail@jrcert.org

The JRCERT is recognized by the U.S. Department of Education as an approved accrediting agency. The program is also approved by the State Approving Agency for Veterans Training and HEW. Qualified veterans are eligible to apply for financial benefits.

The program is a hospital-based educational program and requires two years of full-time attendance in classroom and clinical courses (3,608 clock hours). Classes begin in the summer of each year. After successful completion of the two-year program, students are issued a certificate of achievement and are eligible to apply for the national examination in Radiologic Technology given by the American Registry of Radiologist Technologists (ARRT). Those who pass the American Registry examination receive a certificate that confers upon the applicant the right to use the title "Registered Technologist in Radiography" or the abbreviation "R.T.(R)" along with their name. This certification is an indication that the individual is qualified to work in the field of ionizing radiation.

The ARRT is a national certifying agency for radiologic technologists recognized by the American Society of Radiologic Technologists (ASRT), the American College of Radiology (ACR), and the American Medical Association (AMA).

HOSPITAL INFORMATION

Our Vision

Lakeland Regional Medical Center, creating the best health care experiences

Our Core Purpose/Mission

Improving lives by delivering exceptional health care

Our Values & Beliefs

Accountability, Care, Courtesy, Integrity, Stewardship and Quality

Lakeland Regional Medical Center, a not-for-profit facility, has served Lakeland and the surrounding communities for more than 80 years. LRMC is licensed for 851 beds and is accredited by the Joint Commission on Accreditation of Healthcare Organizations (JCAHO).

Lakeland Regional offers some of the most comprehensive and sophisticated care available, from early detection and education programs, to primary and specialized care, and is equipped with a variety of radiographic and diagnostic imaging equipment. The hospital's patients enjoy a wide scope of specialized medical services uncommon in a community of this size

The Department of Radiology incorporates two independent groups of radiologists, and is directed by a director and two managers who act as liaisons between the hospital administration, the radiologists, and staff personnel within the various radiology modalities. Students are under the direct supervision of the Program Director, the Clinical Coordinator, and the Radiology supervisors.

CLASSROOM AND CLINICAL EDUCATION

After orientation, students are scheduled for approximately ten hours of classroom instruction per week during each quarter of the program. An average of at least 78% or "C" in all courses must be maintained to graduate. Additionally, each student must pass a first-year final examination to progress to the second year, and a second-year final examination to graduate from the program

The grading scale is as follows:

93 - 100%	A
84 - 92%	B
78 - 83%	C
Below 78%	F

After orientation, clinical education courses require approximately 30 hours of scheduled clinical rotations per week. Students are supervised, instructed, and evaluated by staff radiographers, clinical instructors, the clinical coordinator and the program director. Students must show competence in performing specified diagnostic procedures in order to graduate from the program. Students are assigned to different clinical rotations in various clinical settings to allow for adequate exposure and experiences in all areas of Radiologic Technology. Most clinical assignments and rotations are completed at Lakeland Regional Medical Center, however, students are assigned to clinical rotations at clinical affiliate imaging sites outside of the hospital at various times during the two-year course of study.

The clinical grading scale is as follows:

95 - 100%	A
87 - 94%	B
80 - 86%	C
Below 80%	F

Student Services and Benefits:

The school has a dedicated classroom and a small learning/resource lab for instructional purposes. Students have access to the hospital's radiographic rooms for demonstration and practice labs; access to the hospital's medical library, computer lab, and Internet services for research assignments or projects; use of the school's imaging phantoms and anatomic models; and access to numerous self-study audiovisual and computer aided instructional materials covering all disciplines of Radiologic Technology. Tutoring services are available when requested and scheduled. The hospital's Employee Health Department provides services for medical testing, immunizations, illnesses, or injuries related to the student's clinical assignments while in the radiography program. Students will be referred to their personal physician for any other medically related needs. Students receive the same discount as employees when using the hospital's cafeteria.

Graduation Requirements:

Requirements to receive a certificate of completion and graduate from Lakeland Regional Medical Center School of Radiologic Technology are as follows:

1. Successfully complete all required didactic and clinical courses.
2. Complete the required senior project.
3. Pass both the first year and second year comprehensive final examinations with at least a 78%.

SCHOOL BREAKS & HOLIDAYS

The LRMC radiography program operates on a quarter system. Students receive a two-week break between the fall and winter quarter each year near the end of December and a one-week break between the remainder of the program quarters, usually near the end of March, June and September. Additionally, students do not attend class or clinical rotations on the following holidays:

Labor Day
Thanksgiving Day
Friday after Thanksgiving
Good Friday
Memorial Day
July 4th

COURSE DESCRIPTIONS

RAD 100 – ORIENTATION TO RADIOLOGIC TECHNOLOGY

This course is an introduction to Radiologic Technology as a profession. Students are given an overview of Radiographic Exposure (density, contrast, detail and definition); X-Ray Production; Basic Radiographic and Medical Terminology; and attend the mandated hospital orientation classes to meet OSHA and JCAHO requirements. *Studied more in depth are the following:*

- History of Radiology
- Hospital Organizations
- Radiology Department organization (general and LRMC specific)
- Professional Regulations and Regulators
- The Role of the Radiographer
- The Role of other Allied Health Professionals in the hospital setting
- Professional and Medical Ethics and Laws
- Human Diversity
- Basic Radiation Protection Practices and Regulations

As part of the course, students are rotated through pre-clinical assignments in the Radiology Department for observation and orientation of the various aspects and functions of the main department. Included in this pre-clinical exposure are practice labs to familiarize students to various patient positions and basic operation of radiographic tubes, tables and control panels.

Year 1, Quarter 1
154 Clock Hours

RAD 110 – RADIOLOGIC PATIENT CARE

This course involves a study of nursing techniques and practices, pharmaceuticals, drug administration, and patient care strategies as they relate to the diagnostic and fluoroscopic practices of patient care during the performance of Radiographic Procedures. *Included in this course are the following components:*

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| • Body Mechanics & Patient Transfer Techniques | • Human Diversity |
| • Patient Communications Practices & Communication Techniques | • Pharmaceuticals |
| • Hospital Codes & Emergency Response Techniques | • Drug Administration and Code Care |
| • Standard Precautions – including state mandated AIDS / HIV Education | • Anesthesia |
| • Infection Control | • EEG & EKG Techniques |
| • Vital Signs | • Contrast Media Reactions & Treatment / Care |
| • Basic First Aid & Care of the Traumatized Patient | • IV Therapy Techniques and Practices |
| • Sterile Techniques | • Medical Terminology as related to Patient Care |

Year 1, Quarter 1
66 Clock Hours

RAD 120 – ANATOMY, PHYSIOLOGY, AND RADIOGRAPHIC PROCEDURES I

This course begins with the study of the development, composition, structure and function, and medical terminology associated with the skeletal system. Following the introductory segment are lecture/audio-visual presentations, demonstrations, and practice labs of the anatomy and positioning (as it relates to radiologic diagnosis and treatment) of the upper and lower extremities, pelvic girdle, shoulder girdle, thorax, and spine. Instruction and demonstration of routine, trauma, and mobile radiographic procedures are included. Presented concurrently with this course is Image Critique and Identification, which includes assessment of image quality (positioning and exposure), and identification of radiographic anatomy and simple pathologies. The necessity of proper radiation protection practices are stressed for any given procedure studied or demonstrated.

Year 1, Quarter 2
118 Clock Hours

RAD 121 – ANATOMY, PHYSIOLOGY, AND RADIOGRAPHIC PROCEDURES II

This course is a study of development, anatomy, physiology, common pathologies, and medical terminology associated with body systems. Included in this course is an introduction to pathology, and the pathology of the skeletal system and well as an integrated study of the pathologies of the various other systems studied during this course. Lecture/audio-visual presentations, demonstrations, and practice labs of radiographic positioning and procedures for each associated system are studied in depth. Presented concurrently with this course is Image Critique and Identification, which includes assessment of image quality (positioning and exposure), and identification of radiographic anatomy and pathologies. The necessity of proper radiation protection practices are stressed for any given procedure studied or demonstrated. *Included in this course of study is the following:*

- Introduction to Pathology
- Cells, Tissues, and Genetics
- Integumentary System
- Muscular System
- Respiratory System
- Gastrointestinal and Biliary System
- Surgical Procedures

Year 1, Quarter 2
120 Clock Hours

RAD 122 – ANATOMY, PHYSIOLOGY, AND RADIOGRAPHIC PROCEDURES III

This course is a continuation of the study of the development, anatomy, physiology, common pathologies, and medical terminology associated with body systems and specialized areas of radiography. Lecture/audio-visual presentations, demonstrations, and practice labs of radiographic positioning and procedures for each associated system or specialized area are studied in depth. Presented concurrently with this course is Image Critique and Identification, which includes assessment of image quality (positioning and exposure), and identification of radiographic anatomy and pathologies. The necessity of proper radiation protection practices are stressed for any given procedure studied or demonstrated. *Included in this course of study is the following:*

- Urinary System
- Nervous System
- Special Senses
- Reproductive System
- First Year Review
- Endocrine System
- Circulatory System
- Pathology of the Skeletal System
- Pediatric Radiography
- First Year Final

Year 1, Quarter 4
114 Clock Hours

RAD 220 – ANATOMY, PHYSIOLOGY, AND RADIOGRAPHIC PROCEDURES IV

This first section of this course involves lecture, demonstration and practice labs of the anatomy, physiology, positioning, and pathology (as it relates to Radiologic diagnosis and treatment) of the skull and facial bones. Instruction and demonstration on routine and trauma procedures are included. Presented concurrently with this course is Image Critique and Identification, which includes assessment of image quality (positioning and exposure), and identification of radiographic anatomy and pathologies. The second part of this course is the study of cross-sectional anatomy of the head, chest and abdomen. CT and MRI imaging procedures are correlated with the study of associated cross-sectional anatomy. The necessity of proper radiation protection practices are stressed for any given procedure studied or demonstrated.

Year 2, Quarter 1
100 Clock Hours

RAD 230 – RADIOGRAPHIC EXPOSURE I & QUALITY CONTROL

This course includes lecture and demonstration of the properties of x-ray; film and screen characteristics; sensitometry; quality assurance; film processing; and the production of the latent image. *Included in Radiographic Exposure I & Quality Control are the following:*

- Radiographic Film
- Latent Image Formation
- Sensitometry
- Handling and Storage of Film
- Film Holders and Intensifying Screens
- Radiographic Film Processing
- Processor troubleshooting, maintenance, and quality control
- Silver recovery
- Film subtraction and copy techniques
- Quality Assurance methods in the Radiography Department

Year 2, Quarter 1 & 2
56 Clock Hours

RAD 231 – RADIOGRAPHIC EXPOSURE II

This course is a comprehensive study of all principles related to radiographic exposure and quality as they relate to density, contrast, detail visibility, definition and distortion as well as their implications in patient exposure. *Included in Radiographic Exposure II are the following:*

- Principles of Exposure math
- Prime qualities and factors in x-ray production
- Purpose, function, and characteristics of grids, beam restrictors, filters, and x-ray tubes including their relationship to radiographic exposure and quality
- Effects of pathologic conditions on radiographic exposure and quality
- Principles of Automatic exposure controls
- Methods of formulating technique charts

Year 2, Quarter 2
68 Clock Hours

RAD 240 – RADIOLOGIC PHYSICS

This course is a comprehensive study of the principles of radiation physics and related x-ray equipment to include:

- Basic atomic structure
- Fundamental units of mass, energy and measurements
- Fundamentals of electricity and magnetism
- Basic principles and function of generators, motors, transformers and rectification
- A comprehensive overview of the x-ray circuit
- The construction, characteristics and functions of x-ray tubes to include heat rating and anode cooling charts
- X-ray production and emission

Year 2, Quarter 3
90 Clock Hours

RAD 241 – SPECIALIZED IMAGING MODALITIES

The first section of this course provides a study of the principles and fundamentals of fluoroscopy, image intensification, tomography, and stereoradiography and the radiographic equipment associated with these specialized imaging modalities. The second segment of this course is a study of the fundamentals of computers; Digital Imaging to include Digital Radiography (DR), Computed Radiography (CR), and Digital Fluoroscopy; Computerized Tomographic Imaging (CT); Magnetic Resonance Imaging (MRI); and Ultrasound.

Year 2, Quarter 4
50 Clock Hours

RAD 250 – RADIATION BIOLOGY AND RADIATION PROTECTION

This course involves an in depth study of the following components of radiation biology and protection:

- **Fundamentals of Radiation:**
Properties and characteristics; types; units and dosages (RAD, REM, R); and production of and interactions with matter
- **Principles of Radiobiology:**
Cellular composition and structure; cell division; L.E.T. and R.B.E.; radiosensitivity and radioresistance; direct and indirect target theory; somatic and genetic effects; dose effect curves; acute and chronic exposure factors; radiation syndromes
- **Regulations in the Work Environment:**
Advisory groups for radiation protection; dose equivalent limits; ALARA principle; barriers and regulatory standards; warning signs; State licensing and/or certification regulations
- **Protection of Patient and Radiographer:**
Shielding devices, time and distance; fluoroscopic considerations; filtration; coning; and half-value layers
- **Radiation Monitoring Devices:**
Film, TLD, & OSL badges; Geiger counters; ionizations chambers; Victoreen R meters

Year 2, Quarter 4
60 Clock Hours

RAD 260 – SENIOR REVIEW I

This course is an intensive review of all courses taken during the two year Radiography program in order to prepare the student for the Program final examination and the National Registry Examination. As part of this course the student will attend a Registry Review Seminar and complete review workbooks covering all materials studied in the radiography program.

Year 2, Quarter 3
24 Clock Hours

RAD 261 – SENIOR REVIEW II

This course is a continuation of Senior Review I. To pass this course students must pass the program's Final Examination with at least a 78% in order to graduation from the Radiography Program.

Year 2, Quarter 4
34 Clock Hours

SENIOR PROJECT

During the second year, each student is required to either write a research paper on a Radiology related subject, or prepare a free-standing exhibit depicting some aspect of Radiology to be submitted for competition at the Florida Society Radiologic Technologists (FSRT).

MEDICAL TERMINOLOGY

Medical Terminology is not a separate course but is integrated into and taught concurrently with Orientation to Radiologic Technology, Patient Care, and Anatomy, Physiology, and Radiographic Procedures I, II, III, & IV. This course includes terminology specific to anatomy, physiology and diseases of each system; body positioning and planes; prefixes and suffixes; and hospital terminology.

Year 1 & 2

IMAGE IDENTIFICATION, CRITIQUE & PATHOLOGY

Image Identification, Critique, and Pathology are not offered as separate courses, but are integrated into and taught concurrently with Orientation to Radiologic Technology and Anatomy, Physiology, and Radiographic Procedures I, II, III, & IV. The course includes an extensive slide and radiographic image presentations of pathologies related to each system and instruction in radiographic image identification of anatomy and assessment of image quality of all procedures as related to each system studied.

Year 1 & 2

RADC 110 - CLINICAL PRACTICUM I (Modules 1 & 2)

This course is the practical application of subject matter taught in the classroom setting. Demonstration of knowledge and/or competence in various procedures or processes is required and is outlined in the clinical education handbook. Emphasis during this term includes the following:

- radiographic/fluoroscopic equipment and accessories
- assessment of the patient to include basic vital functions
- emergency responses to various patient distresses
- implementation and use of proper body mechanics to move and/or transfer patients
- orientation rotations in the radiology office and technical area
- orientation rotations in diagnostic imaging rooms

YEAR 1, Quarter 1
192 Clock Hours

RADC 120 - CLINICAL PRACTICUM II (Modules 3 & 4)

This course is the practical application of subject matter taught in the classroom setting. Demonstration of knowledge and/or competence in various procedures or processes is required and is outlined in the clinical education handbook. Emphasis during this term includes the following:

- radiographic/fluoroscopic equipment and accessories
- advanced assessment of patient status, with the ability to respond appropriately to patient distress situations
- venipuncture
- radiography of the upper extremities, lower extremities, and shoulder girdle
- bedside radiography of the extremities

YEAR 1, Quarter 2
338 Clock Hours

RADC 130 - CLINICAL PRACTICUM III (Modules 5 & 6)

This course is the practical application of subject matter taught in the classroom setting. Demonstration of knowledge and/or competence in various procedures or processes is required and is outlined in the clinical education handbook. Emphasis during this term includes the following:

- radiography of the pelvis and spine
- fluoroscopic procedures of the Gastrointestinal and Biliary Systems
- emergency department radiography of upper extremities, lower extremities, shoulder girdle, pelvis and spine
- bedside radiography of the chest, abdomen and extremities

YEAR 1, Quarter 3
356 Clock Hours

RADC 140 - CLINICAL PRACTICUM IV (Modules 7 & 8)

This course is the practical application of subject matter taught in the classroom setting. Demonstration of knowledge and/or competence in various procedures or processes is required and is outlined in the clinical education handbook. Emphasis during this term includes the following:

- fluoroscopic procedures of the Urinary System
- emergency department and trauma services radiography of upper extremities, lower extremities, shoulder girdle, pelvis and spine
- surgical radiographic procedures

YEAR 1, Quarter 4
342 Clock Hours

RADC 210 - CLINICAL PRACTICUM V (Modules 9 & 10)

This course is the practical application of subject matter taught in the classroom setting. Demonstration of knowledge and/or competence in various procedures or processes is required and is outlined in the clinical education handbook. Emphasis during this term includes the following:

- fluoroscopic procedures of the Gastrointestinal System, Urinary System, Biliary System, and Reproductive System
- surgical radiographic procedures
- maintenance and review of skills in patient assessment, charting and patient education
- assistance with patient care activities to include suture removal, wound, eye and ear irrigations, ace bandage wrapping, and application of dressings

YEAR 2, Quarter 1
322 Clock Hours

RADC 220 - CLINICAL PRACTICUM VI (Modules 11 & 12)

This course is the practical application of subject matter taught in the classroom setting. Demonstration of knowledge and/or competence in various procedures or processes is required and is outlined in the clinical education handbook. Emphasis during this term includes the following:

- surgical radiographic procedures
- radiography of the skull and facial bones
- maintenance of skill in radiography of extremities, pelvis, shoulder girdle and spine
- Advanced imaging modalities to include Ultrasound, Magnetic Resonance Imaging (MRI), Computed Tomography (CT), Cardiac Imaging, Vascular Imaging, and Radiation Therapy

YEAR 2, Quarter 2
346 Clock Hours

RADC 230 - CLINICAL PRACTICUM VII (Modules 13 & 14)

This course is the practical application of subject matter taught in the classroom setting. Demonstration of knowledge and/or competence in various procedures or processes is required and is outlined in the clinical education handbook. Emphasis during this term includes the following:

- radiography of the skull and facial bones
- Advanced imaging modalities to include Ultrasound, Magnetic Resonance Imaging (MRI), Computed Tomography (CT), Cardiac Imaging, Vascular Imaging, and Radiation Therapy
- surgical radiographic procedures
- maintenance of previous competencies passed

YEAR 2, Quarter 3
350 Clock Hours

RADC 240 - CLINICAL PRACTICUM VIII (Modules 15 & 16)

This course is the practical application of subject matter taught in the classroom setting. Demonstration of knowledge and/or competence in various procedures or processes is required and is outlined in the clinical education handbook. Emphasis during this term includes the following:

- completion of all competencies required by the Radiography Program
- review, maintenance and improvement of clinical skills learned
- final competency exams

YEAR 2, Quarter 4
306 Clock Hours

RTE 2949 – RADIOGRAPHY COOPERATIVE EDUCATION

This is an elective course designed for students in the last quarter of the program who have completed or nearly completed all required clinical competencies and rotations. To enroll in this course, students must gain permission from the program director and be accepted as a student intern by Lakeland Regional Medical Center. Specific course objectives relating to the clinical assignment will be developed for the student to complete.

YEAR 2, Quarter 8
96 – 288 Clock Hours

TRANSFER OF CREDIT

Credit for previous education: Any student transferring from another JRCERT (or the equivalent) approved program into the program at Lakeland Regional Medical Center will be evaluated for acceptance and advanced standing on an individual basis. *All VA students who have had prior training in radiologic technology will be evaluated on an individual basis and credit will be awarded where appropriate. The student and the VA office will be notified of credit awarded*

Credit for successful completion of the program: Lakeland Regional Medical Center School of Radiologic Technology has an articulation agreement with Polk Community College, located in Winter Haven, Florida. Students successfully completing the program and passing the American Registry examination will be granted a block of 55 credit hours towards completion of an Associate of Applied Science degree at Polk Community College.

ADMISSION POLICIES & PROCEDURES

The application process and requirements for consideration of admission to the program are:

1. Graduation from an accredited high school or the equivalent.
2. Submission of a completed program application.
3. Completion of at least one four-hour observation session in the Radiology Department at Lakeland Regional Medical Center
4. Submission of transcripts from high school and college.
5. Submission of two references utilizing the program's applicant reference forms.
6. A minimum 2.5 grade point average (GPA) in math and science courses.
7. Completion of the following prerequisite college-level courses with a minimum 2.5 GPA and no lower than a C in any given course:
 - a. **Anatomy & Physiology:**
 1. Basic Anatomy & Physiology – College level 5-credit hour course
 - or**
 2. Anatomy & Physiology I & II
 - b. **Intermediate Algebra or College Algebra**
 - c. **Medical Terminology**
 - d. **Introduction to Computers or Computer Literacy:**
College-level course in computer basics or computer programming.
 - e. **English Composition**
 - f. **Ethics**
8. Completion of a basic math admissions test. (This test will be administered during the interview process.)
9. Ability to meet the requirements of the school's published Technical Performance Standards.

Upon request, the radiography program director will evaluate transcripts for appropriateness of courses taken. If you have any questions regarding the pre-requisite requirements, please call the program director for guidance.

FINANCIAL INFORMATION

There is a non-refundable application fee of \$25.00. Tuition is \$500.00 per quarter (\$2,000.00 per year) and is payable to Lakeland Regional Medical Center at the beginning of each quarter. If for any reason a student does not complete the course, the tuition refund policy is as follows:

1st week	50% refund
after 1st week	no refund

Books are purchased through *MBSDirect*, <http://bookstore.mbsdirect.net/lrmc.htm>, prior to the program start date. Information regarding purchasing of books through this distributor will be given to the student after notification of acceptance into the program. Students may have the option of selling their used books back to the book distributing company. Books may also be sold to other students or at the owner's discretion. Currently, the total cost for books during the two-year program is approximately \$1,000.00.

Student fees are \$60.00 per year and are due at the beginning of the each year. Any advanced payment of fees not used will be refunded to the student.

Each student is responsible for his or her own uniforms, room, food, transportation, seminar, graduation, and all application fees associated with state and/or national certification examinations.

Applications are accepted from November through February 15th of each year. The application fee of \$25.00 must be turned in with your submitted application. Please make the check payable to *Lakeland Regional Medical Center*. **Your application, official sealed copies of high school and college transcripts, and references must be turned in to the school office by the February 15 application deadline.** Prospective students must call 863-687-1100, extensions 3768 or 3769 to schedule the required clinical observation. The required observation must be completed by the interview date.

Lakeland Regional Medical Center offers equal opportunity in education and employment without regard to race, creed, color, sex, age, religion, marital status, disability, or national origin.

All applicants meeting the minimum requirements for application are interviewed and evaluated by the members of the Student Acceptance Committee for acceptance into the School of Radiologic Technology. Approximately 12 students are accepted into the program each year. Each student accepted will be scheduled for a physical exam, background check, and a drug screening provided by Lakeland Regional Medical Center's Employee Health Department. All required components of this process must be met prior to final acceptance into the program. For more information or for an appointment for observation, please call or write:

**Program Coordinator
School of Radiologic Technology
Lakeland Regional Medical Center
P.O. Box 95448
Lakeland, FL 33804
Phone: (863) 687-1100, ext. 3768 or 3769**



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