



PROGRAM OF RADIOGRAPHY

Thank you for your inquiry in the Radiography Education Program offered at this institution. Enclosed you will find a brochure, and an application form. The application and autobiography must be completed and returned. In addition, you must request to have your high school and college transcripts sent to the address on the back of this brochure.

The classes begin in July of each year and applications are presently being accepted for the class to begin in July 2009. The program is accredited by the Joint Review Committee on Education in Radiologic Technology, 20 North Wacker Drive, Suite 2850, Chicago, Illinois 60606-3182, telephone number: 312-704-5300 and is permitted only limited enrollment, you are urged to submit the completed application well in advance. The program offers certification in Radiography without college credit. Graduates are eligible to sit for the National Radiography Examination administered by the American Registry of Radiologic Technologists.

Your interest in Radiologic Technology is appreciated and we shall be glad to furnish additional information upon request.

Radiography Admissions Committee



Program of Radiography

Department of Radiology

BROCHURE/APPLICATION

MISSION STATEMENT
U. VA. HEALTH SYSTEM PROGRAM OF RADIOGRAPHY

To provide a quality entry level education in Radiography in a twenty-four month time frame. This is accomplished through a competency based clinical/didactic instructional curriculum in Diagnostic Imaging, reflecting the ethical and professional standards in the A.S.R.T. Code of Ethics; qualifying our graduates to sit for the A.R.R.T. National Registry Exam and preparing them for a professional career in Radiography.

PROGRAM GOALS

Goal 1: Provide graduates with the educational knowledge and clinical skills that enables them to perform as entry level technologists.

Goal 2: Instill in the students the importance of ethical values as a Radiographer and the understanding for professional growth.

Goal 3: Graduate students who will apply the necessary patient care skills to communicate effectively with patients of all age ranges.

Goal 4: Graduate students who are able to demonstrate adequate critical thinking and problem solving skills.

Goal 5: To graduate students who possess the skills necessary to effectively meet the health care needs of the community.

APPLICATION PROCEDURE

To apply, send the completed application form, high school and college transcripts and the autobiography to the address listed on the back of this flyer. The twenty-four month course commences in July of each year, and applicants are urged to submit their credentials well in advance. Graduates are certified in Radiography without college credit and eligible to take the A.R.R.T. National Boards.

UNIVERSITY OF VIRGINIA HEALTH SYSTEM

PROGRAM OF RADIOGRAPHY

The discovery of x-ray in 1895 by Wilhelm Konrad Roentgen, a German Physicist, brought about the evolution of a new technology, Radiology, and a growing demand for operators of ionizing radiation equipment. Radiology deals with the art and sciences of recording x-ray images on photographic film, and computer enhanced image receptors. Today men and women find rewarding careers in radiology in medical centers, clinics, public health, civil service facilities and industry throughout the world.

The Department of Radiology at the University of Virginia Health System offers a two-year Program in Radiography. A primary goal of the program is to graduate students that are competent technologists with the professional skills required to perform in any radiologic facility. A graduate can expect a minimum starting salary of approximately 38,000 annually.

The University of Virginia Health System has had a Radiography Program since 1936, an accredited 12-month program since 1943 and an accredited 24-month program since 1955. The program follows guidelines offered by the American Society of Radiologic Technologists and is accredited by the Joint Review Committee on Education in Radiologic Technology, 20 North Wacker Drive, Suite 2850, Chicago, Illinois 60606-3182, 312-704-5300. A certificate of graduation is awarded to each student who satisfactorily completes the required courses. Graduates are prepared and eligible to sit for the American Registry of Radiologic Technologist examination for certification.

ADMISSION POLICIES

Basic Application Requirements:

- High school diploma or equivalent.
- Candidates must meet minimum physical standards for acceptance. (See # 8 under application instructions)
- Completion of all pre-requisite courses listed below from an approved college.
- All pre-requisite courses must be completed by May 15th of application year.
- All pre-requisite courses must be completed with a minimum grade of “C”.
- Candidates must have completed a minimum of 20 college credits.
- All material **must** be received no later than April 1st of application year.

Written/Oral Communication – 6 credits (English)	College Composition ENG 111 & ENG 112	Required
Math – 3 credits	Math Level Equivalent to 120 or Higher OR Math Placement Test Equivalent	Required
Medical Terminology – 3 credits	HLT 143	Required
Human Anatomy & Physiology (Labs included) – 8 credits	BIO 141 & BIO 142	Required
Social or Behavioral Sciences – 3 credits	Psychology PSY 200	Required
Information Systems	Introduction to Computers CSC 110 OR Information Literacy ITE 119 OR Computer Placement Test Equivalent	Required High school or College level
Biology	Introductory Course (May be required as a pre- requisite for BIO 141 & BIO 142)	Recommended High school or college level
Physics	Introductory Course	Recommended High school or college level

Other recommendations for admission to help provide a sound basis for education as a Radiographer are S.A.T. or equivalent scores of “800” or higher), and a class rank within the upper 50th percentile. Courses beyond 10 years of the application deadline may not be accepted.

Applications are reviewed by the Radiography Admissions Committee and the qualifying applicant is invited to the U. Va. Health System for an interview and tour of the Radiology Department.

All information must be complete in order for prospective students to be evaluated. Upon completion of the application the prospective student will be informed of their status. The status categories include: all admission requirements met with interview pending, admission requirements unmet, additional courses/requirements needed and placement on the waiting list.

Following one month after submission of all application information, the candidate should call for an update of their application status.

The Program will accept approximately 10 students this year. Placement is competitive and applicants are encouraged to apply well in advance. Applicants are urged to submit their information as early as possible.

STUDENT SERVICES

The Health System offers a wide range of resources and services. Recreational facilities throughout the grounds and parking at designated lots with transportation to the Health System are available for a small fee. The Department of Occupational Health offers screening services. Numerous libraries and research facilities are readily available. Counseling services are also available.

TUITION AND FEES

To ensure your spot in the program, a \$300.00 non-refundable tuition deposit is required with an acceptance letter, prior to the start of the Program. Tuition is \$2,000.00 per year. Program length is two years. In addition, each student will be responsible for purchasing books, which total approximately \$900.00 for the two years, educational supplies, and uniforms, at additional costs.

REFUND POLICIES

A 50% tuition refund is permitted within the first 30 days of the Program provided the student is leaving in good standing. After 30 days there will be no refund.

TECHNICAL STANDARD

The following technical standards are required:

- Sufficient corrected eyesight to observe patients, manipulate equipment and evaluate radiographic quality.
- Sufficient corrected hearing to assess patient needs and communicate verbally with other health care providers.
- Sufficient verbal and written skills to communicate promptly and effectively in English.
- Sufficient gross and fine motor coordination to respond promptly, manipulate equipment, lift a minimum of 50 pounds and ensure patient safety.
- Intellectual and emotional functions are needed to exercise independent judgment and discretion in the safe technical performance of medical imaging procedures.

OPERATIONAL HOURS

Students participate for a total of 40 hours a week in class and engaged in clinical education. Experience is attained in all areas of radiology, Monday-Friday 8:00am-4:30pm. In the second year a 1:00pm -9:30pm rotation is required 3 times during that year. There are no weekends or holidays.

GRADUATION REQUIREMENTS

1. Students must obtain no less than 80% on all clinical requirements.
2. Students must successfully complete all clinical competencies within the timeframe specified by the objectives.
3. Students must complete all didactic classes with a minimum grade of 80%.
4. Students must complete all academic and clinical requirements within the 24 month timeframe.
5. Students must make-up all time that has exceeded the allowed amount (i.e. satisfy 2,220 clinical clock hours)
6. Tuition must be paid in full prior to June 1st of year graduating.

ACADEMIC COURSE OF STUDY

Orientation/Introduction to Radiology/Ethics
Radiation Protection/Radiobiology
CPR
Principles of Radiographic Exposure
Film Critique
Introduction to Pharmacology
Digital Image Acquisition & Display
Nuclear Medicine
Computed Tomography
Introduction to MRI Imaging
Angiography & Interventional
Introduction to Sonography
Introduction to Breast Imaging (Mammography)

Medical Ethics & law
Radiation Oncology
Radiologic Human Structure & Function
Radiologic Physics & Equipment
Term Paper Presentation
Nursing Procedures/Patient Care
Radiographic Pathology
Radiation Physics & Protection Review
Radiographic Positioning & Procedures
Introduction to Neuroradiology
ARRT Review

ACADEMIC CALENDAR (See next page)

University of Virginia Health System
Program of Radiography

Academic Calendar
July 2009 – June 2010

July, 2009

July 1, 2009	<i>Fall Semester Begins for Senior Students</i>
July 3, 2009	<i>Independence Day observed – Program Closed</i>
July 13, 2009 – July 17, 2009	<i>Orientation for New Students Fall Semester Begins for Junior Students</i>
July 20, 2009	<i>Junior Students Begin Clinical Rotations</i>
July 22, 2009	<i>CE Lecture</i>
July 29, 2009	<i>Outlook Computer Class for Junior Students</i>
July 30, 2009	<i>First Clinical Seminar for Junior Students</i>

August, 2009

August 3, 2009	<i>Specialty Classes Begin for Senior Students</i>
August 6 - 7, 2009	<i>CPR Class for Juniors</i>
August 13 – 14, 2009	<i>CPR Renewals for Seniors</i>
August 26, 2009	<i>CE Lecture</i>

September, 2009

September 7, 2009	<i>Labor Day Holiday –Program Closed</i>
September 8, 2009	<i>Fall Semester Didactic Classes Begin</i>
September 23, 2009	<i>CE Lecture</i>

October, 2009

October 28, 2009	<i>CE Lecture</i>
October 29, 2009	<i>Mid-Semester Evaluations – Junior Students</i>

October 30, 2009

Mid-Semester Evaluations – Senior Students

November, 2009

November 2 – 6, 2009

Radiologic Technology Week

November 18, 2009

CE Lecture

November 26 – 27, 2009

Thanksgiving Holiday – Program Closed

December, 2009

December 11, 2009

Fall Classes End

December 14 – 22, 2009

Fall Semester Exams

December 16, 2008

CE Lecture

Dec. 24, 2009 – Jan. 1, 2010

Winter Break for Students

January, 2010

January 4, 2010

Spring Semester Begins

January 11, 2010

Spring Semester Didactic Classes Begin

January 18, 2010

Junior Operating Room Rotations Begin

January 20 - 22, 2010

Senior Scientific Paper Presentations

January 27, 2010

CE Lecture

February, 2010

February 24, 2010

CE Lecture

March, 2010

March 22 – 26, 2010

Spring Break

March 24, 2010

CE Lecture

March 31 – April 3, 2010

VSRT Student/Education Conference for Senior Students and Program Staff

April, 2010

April 1, 2010

Deadline for Applications for Prospective Students

April 8, 2010	<i>Junior Mid-Semester Evaluations</i>
April 9, 2010	<i>Senior Mid-Semester Evaluations</i>
April 26 – 30, 2010	<i>Interviews with Prospective Students</i>
April 28, 2010	<i>CE Lecture</i>
May, 2010	
May 20, 2010	<i>UVA Board Exam for Seniors (1st Attempt)</i>
May 20, 2010	<i>Spring Semester Classes End</i>
May 21, 2010	<i>Senior Picnic for all students and staff</i>
May 24, 2010	<i>Memorial Day Holiday – Program Closed</i>
May 25 – 28, 2010	<i>Spring Semester Exams</i>
May 26, 2010	<i>CE Lecture</i>
June, 2010	
June 3, 2010	<i>UVA Board Exam for Seniors (2nd Attempt)</i>
June 10, 2010	<i>UVA Board Exam for Seniors (Final Attempt)</i>
June 17, 2010	<i>Graduation</i>
June 23, 2010	<i>CE Lecture</i>

Please note that this calendar is subject to change as program officials deem necessary.

CLINICAL COURSE OF STUDY

I. SPECIFIC IMAGING PROCEDURES (including POSITIONING, TECHNICAL FACTORS, ANATOMY, PHYSIOLOGY, and PATHOLOGY)

- A. Thorax
 - 1. chest
 - 2. ribs
 - 3. sternum
- B. Abdomen and GI Studies
 - 1. abdomen
 - 2. esophagus
 - 3. swallowing dysfunction study
 - 4. upper GI series
 - 5. small bowel series
 - 6. barium enema, single contrast
 - 7. barium enema, double contrast
 - 8. operative cholangiography
 - 9. T-tube cholangiography
 - 10. cholecystography
 - 11. ERCP (endoscopic retrograde cholangiopancreatography)
- C. Urological Studies
 - 1. cystourethrography
 - 2. intravenous urography
 - 3. retrograde urography
 - 4. retrograde urethrography
- D. Extremities
 - 1. toes
 - 2. foot
 - 3. os calcis
 - 4. ankle
 - 5. tibia, fibula
 - 6. knee
 - 7. patella
 - 8. femur
 - 9. fingers
 - 10. hand
 - 11. wrist
 - 12. forearm
 - 13. elbow
 - 14. humerus
- 15. shoulder
- 16. scapula
- 17. clavicle
- 18. acromioclavicular joints
- 19. bone survey
- 20. long bone measurement
- 21. bone age
- 22. soft tissue/foreign bodies
- E. Spine and Pelvis
 - 1. cervical spine
 - 2. thoracic spine
 - 3. scoliosis series
 - 4. lumbosacral spine
 - 5. sacrum
 - 6. sacroiliac joints
 - 7. coccyx
 - 8. pelvis
 - 9. hip
- F. Head and Neck
 - 1. skull
 - 2. facial bones
 - 3. mandible
 - 4. zygomatic arch
 - 5. TMJ
 - 6. nasal bones
 - 7. orbit
 - 8. paranasal sinuses
 - 9. soft tissue neck
- G. Other
 - 1. conventional tomography
 - 2. arthrography
 - 3. myelography
 - 4. venography

ADVANCED IMAGING ELECTIVES

1. Angiography/Neuroangiography
2. Computed Tomography
3. Magnetic Resonance Imaging
4. Mammography
5. Sonography
6. Nuclear Medicine
7. Radiation Therapy

ACADEMIC POLICIES

1. Failure to maintain a passing grade of 80% in any segment of the program will place the student on probation, until the course is repeated satisfactorily.
2. A maximum of 3 minor classes of total class work may be repeated during the two year period. Failure of more than three classes may mandate dismissal.
3. Classes containing greater than 40 hours (major classes) may not be repeated and the student may be dismissed from the program.
4. Failure to maintain a clinical competency grade of 80% may mandate dismissal.
5. If at any time the overall grade point average falls below the minimum requirement of 80%, this will mandate an academic dismissal.
6. Failing to successfully complete retake classes mandates academic dismissal. All clinical time missed during retake classes must be made-up. Unsuccessful completion of second year classes will postpone graduation until the class is successfully taken the following year.
7. Arrangements for make-up tests must be made on the day of return to school following leave. Failure to take an examination is justification for dismissal from the program. Exams or assignments not completed at the scheduled time may mandate a 5 point penalty per day.
8. It is unnecessary to sign a pledge on a test paper. The Honor System of the University of Virginia is respected at all times in the activity of this program.

DUE PROCESS

Information regarding the Program's Due Process policy/procedure is available upon request by writing/calling the Program Director.

TRANSFER OF CREDIT/ADVANCE PLACEMENT

Students seeking transfer into the Health System's Radiography Program will have their courses evaluated from their previous program to establish their clinical and academic standing in our program. Transfer of courses must have a minimum of a "C" average. Transfer is limited to the current maximum student enrollment. Transfer students must submit references from their Program Director, Clinical Instructors, Didactic Instructors, and Chief Technologists. A maximum of one year transfer/advance placement will be permitted.

CORRESPONDENCE AND REQUESTS FOR ADDITIONAL INFORMATION ON THE PROGRAM'S POLICIES AND PROCEDURES SHOULD BE ADDRESSED TO:

University of Virginia Health System

Radiography Program Director

Radiology, P.O. Box 800377

Charlottesville, VA 22908-0377

Attn: Patricia A. Davis, BS, RT(R)

Telephone: 434 924 9344

Fax: 434 982 0626

E-mail: pad@hscmail.mcc.virginia.edu

Website: <http://www.healthsystem.virginia.edu/internet/radiology>

Equal Employment Opportunity and Affirmative Action Statement (April 8, 2008)

The University of Virginia is committed to equal employment opportunity and affirmative action. To fulfill this commitment, the University administers its programs, procedures and practices without regard to age, color, disability, marital status, national or ethnic origin, political affiliation, race, religion, sex (including pregnancy), sexual orientation or veteran status, and operates both affirmative action and equal opportunity programs, consistent with resolutions of the Board of Visitors and with federal and state requirements, including the Governor's Executive Order on Equal Opportunity.

The University's policies on "Preventing and Addressing Discrimination and Harassment" and "Preventing and Addressing Retaliation" implement this statement. The Office of Equal Opportunity Programs has complaint procedures available to address alleged violations of these policies.

Additional Information

The ADA Coordinator and the Section 504 Coordinator is Brad Holland, Office of Equal Opportunity Programs, Washington Hall, East Range, P.O. Box 400219, University of Virginia, Charlottesville, VA 22904-4219, (434) 924-7819. The Title IX Coordinator is Darlene Scott-Scurry, Director, Office of Equal Opportunity Programs, Washington Hall, East Range, P.O. Box 400219, University of Virginia, Charlottesville, VA 22904-4219, (434) 924-3200. Revised and approved February, 2009.

Disclaimer Clause

The Provisions of this brochure/application are not to be regarded as an irrevocable contract between the student and the Health System. The Health System reserves the right to change any provision or requirement at any time within the student's term of enrollment. Any changes will be made known to the student through periodic updates.

Financial Aid Information

It is the responsibility of the student to obtain a loan, some recommendations are: eMax Education Loans 1-888-890-0062 or Sallie Mae Student Loan Marketing Association, www.salliemae.com. After the first semester additional funds may be available from: Health Careers Foundation 314-770-1626. We have 2 additional Scholarships available after the first semester: Elizabeth Nalley and the Hospital Auxiliary.

THIS INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

PROGRAM OF RADIOGRAPHY
UNIVERSITY OF VIRGINIA HEALTH SYSTEM
DEPARTMENT OF RADIOLOGY, P.O. BOX 800377
CHARLOTTESVILLE, VIRGINIA 22908-0377
Telephone 434-924-9344 FAX 434-982-0626

2009

E-Mail: pad@hscmail.mcc.virginia.edu

Website: <http://www.med.virginia.edu/medicine/clinical/radiology/home.html>

RADIOGRAPHY PROGRAM APPLICATION

Date: _____ Work (____) _____

S.S.# _____ Home (____) _____

E-MAIL: _____ Cell (____) _____

Name in Full:

Last First Middle (Previous Names)

Address: _____

Street and No. _____

City and State with Zip Code _____

SCHOOL	NAME AND LOCATION OF SCHOOL	Education YEARS ATTENDED		GRADUATED Yes or No	DEGREE/ DATES
		From	To		
High School					
College					
Other					

School Activities, Hobbies and Awards _____

PREVIOUS EMPLOYER Employer Address: Phone Number:	Kind of Business	Employed		Position Held	Reason for Leaving
		From	To		

APPLICATION INSTRUCTIONS: Submit completed application, with a **typed** 500 word autobiography directly to the Program. The autobiography should include additional information that will support your application to our program. Also, have all high school, college and other institution transcripts forwarded to our Program. All materials must be received no later than April 1st. All correspondence must be sent to the address listed on the bottom of this application.

1. All information will be kept strictly confidential; permission is granted to check previous educators, employers and agencies.
2. Tuition is \$2,000.00 per year. The length of the program is two years. Additional fees are required for textbooks and uniforms, which are approximately \$900.00.
3. Please call for an update on your application one month after filing. (434) 924-9344 – Pat Davis
4. False statements will be grounds for dismissal.
5. Admission Requirements: College English 111 & 112, College Math 120 or higher, Medical Terminology, Human Anatomy & Physiology I & II to include labs, Psychology, and Introduction to Computers.
6. Admission Recommendations: College placement (academic level) in Biology and Physics. All courses must be completed with a minimum grade of “C”, and a High School degree or G.E.D. with a class rank within the upper 50th percentile.
7. Admission Recommendations: S.A.T. scores of 800 and above. Courses taken beyond 10 years of this application deadline may not be accepted.
8. Technical Standards: Sufficient corrected eyesight to observe patients, manipulate equipment and evaluate radiographic quality. Sufficient corrected hearing to assess patient needs and communicate verbally with other health care providers. Sufficient verbal and written skills to communicate promptly and effectively in English. Sufficient gross and fine motor coordination to respond promptly, manipulate equipment, lift a minimum of 50 pounds and ensure patient safety. Intellectual and emotional functions needed to exercise independent judgement and discretion in the safe technical performance of medical imaging procedures.

1. Have you ever applied to this Program before? Yes or No
2. Have you ever been convicted of a felony or misdemeanor? Yes or No

If yes, please explain:

3. Will you be 18 years of age within 6 months of the start of the Program? Yes or No

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(April 8, 2008)**

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Signature: _____

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Radiology, P.O. Box 800377
Charlottesville, VA 22908-0377
Attn: Patricia A. Davis, BS, RT(R)