



MedStar Washington
Hospital Center



MedStar
Washington
Hospital Center

Medical Imaging School of Radiography

Dear Perspective Student:

Thank you for your interest in the Medical Imaging School of Radiography at MedStar Washington Hospital Center. In addition to providing a high quality education, we supply professional radiographers for area hospitals, clinics and the health care industry across the country. The need for highly educated radiographers is growing nationally. Patients are demanding health care personnel who are not only highly educated, but will deliver professional and sensitive patient care. We at MedStar Washington Hospital Center have a long tradition of 'patient first' caring.

The school accepts a small number of students per year. A small class provides a better educational experience. Program applicants must be high school graduates, have an associate degree or higher and a cumulative GPA of 2.5 on a 4.0 scale. Acceptance to the program is competitive. The school accepts a small number of applicants per year. A small class provides a better educational experience. Enclosed you will find all the necessary information needed to apply for admission.

The school is accredited by the Joint Review Committee on Education in Radiologic Technology, 20 North Wacker Drive, Suite 900, Chicago, Illinois 60606-2901, 312-704-5300, www.jrcert.org. The school offers certification in Radiography. Upon successful completion the graduate is qualified to take the A.R.R.T. examination in Radiography.

Radiography Admissions Committee

Shirley M Douglass BS, RT(R)
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MedStar Health

110 Irving Street, NW, Washington, DC 20010-2975
www.WHCenter.org

Medstar Washington Hospital Center

HISTORY AND SPONSORSHIP

Washington Hospital Center is a private, not-for-profit, acute care, short-term 926 bed general hospital serving Washington, D.C. and the surrounding metropolitan area. The Center is located in the Northwest quadrant of the District of Columbia within a few miles of the suburban Maryland county lines. It is centrally located within the Washington Standard Metropolitan Statistical area to serve the entire region.

The Center's size allows it to offer comprehensive facilities for every level of health care. We have a reputation for excellence coupled with a concentration of top medical specialists. The state of the art scientific equipment has made the Hospital Center a referral center for many of the area's most difficult medical and surgical cases.

Extensive tertiary care resources include the region's only burn center for adults, a cancer institute, Washington Heart, Medstar shock-trauma unit and active programs in kidney and heart transplantation as well as extensive services in ophthalmology.

The Center also provides medical care to the local community through more than 50 general and specialty clinics and through the critical care department.

Authorized by an Act of Congress in 1949, the Center was created by the merger of three Washington hospitals: The Episcopal Eye, Ear and Throat Hospital, Garfield Memorial Hospital, and the Central Dispensary and Emergency Hospital. An early example of health planning, the merger brought to the Center long traditions of excellence in medical care and teaching.

The campus is shared with the Physician's Office Building, the Hyman Medical Research Building, the East Building, the National Rehabilitation Hospital, the Veteran's Administration Hospital and Children's Hospital Medical Center.

Because medical education goes hand in hand with patient care in a medical center, the Washington Hospital Center is a teaching hospital. The house staff numbers 205 residents and fellows from medical schools throughout the United States. Educational programs in nursing and allied health specialties train the supporting personnel essential to quality patient care. The Center has a vigorous in-service educational program designed to keep all personnel at a high Level of proficiency. The Center also maintains active educational affiliations with various area institutions.

MedStar Health

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The Hospital is governed by a 36 member Board of Trustees, men and women who are active in the affairs of the community, who volunteer their time and expertise to develop policy and guide the long range growth of the hospital. The Medical Board of the hospital is composed of the Chairmen of Clinical Departments, Directors of major programs and elected members of the active staff, who formulate and recommend policies to the Board of Trustees.

The purpose of the Center is the treatment and cure of the physical and mental diseases of human beings, the training and evaluation of physicians, nurses and allied health personnel, and the provision of health information and education to the local community, the Greater Washington area and the Mid-Atlantic region. The hospital is a leader in the introduction and adaptation of new technology for diagnosis and treatment. Research on clinically oriented problems is conducted through the Research Foundation.

All of the hospital's activities are conducted with an overriding concern for the patient and recognition of their dignity as a human being. The Washington Hospital Center does not discriminate on the basis of race, religion, color, sexual orientation, physical handicap or nation origin.

The Washington Hospital Center is a member of the American Hospital Association and the Council of Teaching Hospitals, is certified by the Joint Commission on the Accreditation of Healthcare Organizations and licensed by the DC Department of Human Services. The Center conducts post-graduate educational programs that are approved by the Council on Medical Education and Hospitals of the American Medical Association for Residents in General Surgery, Internal Medicine, Nuclear Medicine, Obstetrics-Gynecology, Ophthalmology, Orthopedics, Otolaryngology, Pathology, Radiology and Urology. The hospital also conducts an Oral Surgery program that is approved by the American Dental Association, a Pastoral Care program accredited by the Association for Clinical Pastoral Education and accredited programs in Medical Technology, Radiography and Cardiovascular Technology.

The hospital's Medical Imaging School of Radiography was established in 1960. The program was originally established to train staff technologists for the hospital's radiology department. The Radiology Department employs students from the graduating class but the school also supplies radiographers to physician's offices, clinics, hospitals, and HMO's and emergency care centers throughout the DC Metropolitan area.

I. INTRODUCTION

A. VISION:

To treat each patient as we would a member of our own family by providing the best medical treatment with caring and compassion, Responsive service and intelligent use of resources. Through this achievement, we will be recognized as a national model for excellence in patient-centered care.

B. MISSION:

Washington Hospital Center, a valued member of MedStar Health, is dedicated to delivering exceptional PATIENT FIRST health care. We provide the region with the highest quality and latest medical Advances through excellence in patient care, education and research.



Mission Statement

MedStar Washington Hospital Center Medical Imaging School will provide a comprehensive, quality education in the field of radiography to qualified individuals, to prepare them for careers in medical Imaging, and to provide radiographers for the health care community.

Program Goals

1. The students will demonstrate professionalism-Program Effectiveness

Student Learning Outcomes

- The graduates will be satisfied with the program
- The students will successfully complete the program
- Students will become registered in Radiography RT(R) within six months of graduation
- Students will become employed as radiographers within twelve months after graduation
- Employers will be satisfied with the program's graduates based on follow up feedback

2. Students will demonstrate strong clinical skills

Student Learning Outcomes

- Students will position patients to provide diagnostic images
- Students demonstrate high quality patient care to all patients
- Students will demonstrate appropriate radiation safety for self and others

3. Students will develop strong critical thinking skills

Student Learning Outcomes

- Students will demonstrate strong problem solving skills
- Students will recognize non-routine clinical situations and make appropriate modifications
- Students will identify quality diagnostic images and make appropriate changes when needed

4. Students will develop strong communication skills

Student Learning Outcomes

- Students will learn the language of medicine
- Students will demonstrate strong communication skills with peers
- Students will demonstrate strong communication skills with patients

5. Students will continue their education through lifelong learning, professional development and growth

Student Learning Outcomes

- Students will demonstrate professional development and growth
- Students will understand the importance of life-long learning
- Graduates will continue their education through fellowships
- Students will demonstrate professionalism at all times

WHC HR Policies

Title: **Equal Employment Opportunity**

Section: 100- Human Resources
Administration

Purpose: Statement of Policy

Number:

The Washington Hospital Center (WHC) is an Equal Opportunity Employer and will recruit and select candidates for any vacant position without regard to race, creed, color, religion, national origin, sex, age, marital status, personal appearance, sexual orientation, family responsibilities, matriculation, political affiliation, physical or mental impairment, source of income, place of residence, or status as a veteran.

The Hospital does not limit, segregate or classify employees in any way that will deprive any individual of equal employment opportunities or adversely affect his employment status based on prohibited discriminatory factors. This policy of non-discrimination applies to all employment procedures, including but not limited to, recruitment or retraining programs, compensation, layoff and termination, and all other privileges and conditions of employment.

II. Purpose

This policy reaffirms our commitment to equal opportunity, affirmative employment, and civil rights and sets forth directives and guidelines necessary to provide an Environment in which employees carry out their daily functions free from Discrimination.

ADDITIONAL SCHOOL INFORMATION

Application deadline: May 30 of each year. The school year starts in August of each year.

Admission Decisions:

The school has a limited number of spaces available. Not all applicants are accepted into the program. Admission decisions are based on a scoring system in which points are awarded based on prior and training, prior experience working with patients* and on the applicant's interview. (*Prior patient experience is not a requirement for acceptance.)

Washington Hospital Center does not discriminate against any person because of age, race, color, religion, sex, national origin, disability, veteran's status or sexual orientation.

Admission qualifications:

To qualify for the program an applicant must be a high school graduate and have an associate degree or higher. An Associate's degree or higher is required to take the ARRT exam in Radiography. The applicant must have a cumulative and course specific GPA of 2.5 on a 4.0 scale.

College Requirements: Associates Degree or Higher or the ability to achieve your degree at the time of graduation from one of the colleges with articulation agreements with our Medical Imaging School. Earn your Associates Degree from Montgomery College with the required prerequisite courses and Completion of the Medstar Washington Hospital Center Medical Imaging School. Please check as we add additional articulations.

The candidate must have a minimum of 2.5 cumulative GPA and course specific GPA for the following college courses:

- Mathematics
- English
- Natural Sciences (anatomy & physiology preferred)
- Information Systems
- Social / Behavioral Sciences
- Arts & Humanities

*If your College is not USA accredited you must provide a sealed transcript from an agency accredited to evaluate international transcripts, we suggest World Education Services or an agency approved by the ARRT.

Additional Requirements:

- The applicant must be able to meet the School's Technical Standards.
- Top qualifying candidates are required to have an interview with the Admissions Committee.
- A TOEFL exam may be required for international candidates with English as a second language (WWW.ETS.ORG).
- Three professional references will be required.

**Medstar Washington
Hospital Center Medical
Imaging School**

Vacation

Students have 6 weeks of vacation and 1 day per month leave over the course of the program. One week of vacation is given between each trimester break and two weeks at the end of the first year. Any student who uses up more than their allotted time will be required to make up this time (see handbook for details).

Washington Hospital Center recognizes 9 holidays per year. These holidays are listed in the school Calendar.

Program Outcomes: five year average January 01, 2010 – July 31, 2016

(Sample Size: 58) 5 year Passing average 1st attempt 71%

5 year Program Effectiveness Data

Graduating year	# accepted students	# of Graduates	# took National Registry	# passing 1st
2011	14	14	14	12
2012	14	9	9	8
2013	14	11	10	10
2014	14	11	9	8
2015	14	13	11	8

**Accreditation: Joint Review Committee on Education in Radiologic Technology,
20 N. Wacker Drive, Suite 2850, Chicago, IL 60606-3182 Tel: 312.704.5300**

URL Website JRCERT.ORG

Applicants must have the ability (with or without reasonable accommodation) to meet the following Technical Standards:

1. Lift and carry radiographic cassettes.
2. Move and manipulate a variety of radiographic, mobile and fluoroscopic equipment.
3. 'Read' the generator, tube and technique charts, and set techniques.
4. Lift and Transfer patients onto and off of the radiographic table.
5. Manipulate patient care devices such as wheelchairs, stretchers, oxygen and LV.s
6. Wear lead aprons for extended periods of time.
7. Visually evaluate radiographs for technical quality
8. Read and interpret patient charts and x-ray requests.
9. Communicate effectively verbally with patients and hospital staff. Evaluate and monitor the patient's physical condition.
10. be able to effectively hear verbal cries from a patient anywhere within the room.
11. Must demonstrate a positive attitude towards the program, maturity, responsibility, determination, poise and flexibility

School Fees & Expenses 2016-2018

Application Fee:	\$25.00 Submitted with application. <i>Non-refundable</i>
Enrollment Fee:	\$50.00 Submitted after pre-acceptance into program. <i>Non-refundable</i>
Textbooks:	\$1500.00 approximately. (Purchased in the beginning of the program).
Uniforms: white sneakers)	Variable expense, approximately \$200.00. (Hunter Green scrubs with

Tuition

I Education Track:

- a. \$4,500 for the first year and \$4,500 for the second year. .
\$9,000 total tuition cost for the 22 months (\$1,500 per semester).
- b. Parking is provided at no cost.
- c. Option to switch to the employment track within 30 days
Of the start of school. In the beginning of the second
Year the student may request moving to this track from
The Employment Track.

II. Employment Track:

- a. \$2,250 tuition cost for the first year and \$ 2,250 for the second year (\$750
Per semester). 4,500 total cost for the 22 months.
- b. Health benefits may be provided at no cost.
- c. Parking is provided at no cost.
- d. An agreement is made with the Washington Hospital
Center whereby the student agrees to accept employment if
Offered, as a radiographer for two full years after
Graduation. If there are no openings or offers of
Employment there is no obligation to repay the employment
Track benefits. Failure to complete the contractual
Agreement will result in required repayment of
Employment Track benefits.
- e. Option to switch to the education tract within 30 days of
The start of school, or in the beginning of the second year.

Disclaimer:

- a. The student may opt not to fulfill the terms of
the contract. This will require repayment of
the benefits received.
- b. The WHC may opt to release the student from the contractual terms of
employment .This will not require repayment of the benefits received by
the student.
- c. The school does not participate in State or Federal financial aid programs.

Fellowship Opportunities:

Clinical fellowships may be available in CT, MR, IR, and Mammography,
according to the needs of the department. On the job training and didactic
courses may be available to candidates willing to commit to post fellowship
employment.

Withdrawal and Refund:

If the student withdraws from the school they must notify the Director of
Education. They will receive a 50% refund of tuition if withdrawing
within 30 days of the start of school, provided they are in good standing.
Beyond the 30 day limit tuition is non refundable.

School costs and policies are subject to change

OPERATIONAL HOURS

The school takes 22 months to complete. Students will be participating 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-4:00pm, and in the second year an additional clinical rotation is added with the student coming in from noon - 8:00 pm for 3 weeks. There are no weekends or school acknowledged holidays.

GRADUATION REQUIREMENTS

1. Students must obtain no less than 3.5 clinical averages on a 4.0 scale.
2. Students must successfully complete all clinical competencies within the timeframe specified by the objectives.
3. Students must complete all classes with a minimum grade of 80%.
4. Students must complete all academic and clinical requirements within the 22 month timeframe.
5. Students must make-up all time that has exceeded the allowed amount.
6. Students must have paid all outstanding fees and returned all items.

ACADEMIC COURSE OF STUDY*

Introduction to Radiology	Medical Terminology
Patient Care	Human Structure
Imaging	Human Function
Radiation Physics	Image Analysis
Radiation Biology/Protection	Radiographic Pathology
Quality Assurance	Computers in the Radiology
Radiation Math	CPR Orientation
National Board Review	Research Paper
Clinical Practice	PowerPoint Pres
Patient Care	Capstone Final Exit Exam
Board Review	Radiographic Procedures
Special Imaging Systems	

*Courses & Titles subject to change

CLINICAL COURSE OF STUDY

1. SPECIFIC IMAGING PROCEDURES (including POSITIONING, TECHNICAL FACTORS, ANATOMY, PHYSIOLOGY, and PATHOLOGY)
 - A. Thorax
 1. Chest
 2. Ribs
 3. Sternum
 15. Shoulder
 16. Scapula
 17. Clavicle
 18. Acromioclavicular joints
 19. Bone survey
 - B. Abdomen and GI Studies
 1. Abdomen
 2. Esophagus
 3. Swallowing dysfunction study
 20. Long bone measurement
 21. Bone age
 22. Soft tissue/foreign bodies

Clinical Course of Study Continued

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
- 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. Para nasal sinuses
 9. Soft tissue neck
- G. Other
1. conventional tomo.
 2. Arthrography
 3. Myelography
 4. Venography

II.

ADVANCED IMAGING ELECTIVES

1. Angiography
2. Computerized Tomography
3. Magnetic Resonance
4. Mammography
5. Sonography
6. Nuclear Medicine
7. Radiation Therapy

MEDICAL IMAGING SCHOOL 2016-2017 CALENDAR

AUGUST 22ND -26th new students Orientation

August 26th Welcome Reception

August 29th Classes Begin

September 5th Labor Day School Closed November

November 11th Veterans Day (Floating Holiday)

November 24th -25th Thanksgiving Holiday School Closed

December 9th Last day of classes

Dec 12th -16th 1st years Vacation

Dec 19th - 23rd 2nd years Vacation

Dec 26th Christmas Holiday School closed

Dec 27th classes Begin

January 2nd New Year's Holiday School Closed

January 16th MLK Holiday School Closed

February 13th Presidents day Floating Holiday

April 7th Last Day of classes

April 3-7th Spring break senior students

April 10-14 Spring Break Junior Students

April 17th Classes Begin

May 12th Capstone EXAM

May 18th Picnic

May 24th Graduation

May 26th	Last day of classes
May 30th	Memorial Day School Closed
May 31st	Summer Clinical begins
July 4th	4th of July Holiday School Closed
April 7- April 18th	Summer Vacation
August 21st	1st year Orientation

NOTE: ALL DATES SUBJECT TO CHANGE

APPLICATION PROCEDURE

To apply, submit the completed H R application form, college transcripts, application fee and the autobiography. The twenty-two month course commences in August of each year, and Applicants are urged to submit their credentials well in advance. Graduates are certified in Radiography and eligible to sit for the A.R.R.T. National Boards. The Program does not provide college credits. Students must have their college degree completed before entering the program or be able to achieve one at the time of graduation.

STUDENT SERVICES

The Medstar WHC offers a wide range of resources and services. Parking at designated lots with transportation to the WHC is available. The Department of Occupational Health offers screening services. Health insurance is available with the employment option. A library and research facility is readily available. Counseling services and requesting accommodations are available.

Financial Aid

A Tuition discount of 50% is available with the employment option. Free health insurance and free parking is available for all students, and option to use the work-study system. Check-ups with Occupational Health and discounts at many local stores can be helpful.

Grading Scale

Percentage	Letter grade
90-100%	A
80-89%	B passing
70-79%	C
60-69%	D

Must maintain an 80% for academics and 85% for clinical to remain in the program.

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. Major courses may not be repeated.
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 85% may mandate dismissal.
5. If at any time the overall academic 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 WHC is respected at all times in the activity of this program.
9. The student must successfully complete the final exit comprehensive Capstone examination.

DUE PROCESS

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

TRANSFER OF CREDIT/ADVANCED PLACEMENT

Students seeking transfer into the MWHC Radiography Program will have their courses evaluated from their previous program to establish their clinical and academic standing in our program. Transfer/advance placement students must have a minimum of a "B" cumulative and course specific average. Transfer is limited to the current maximum student enrollment. Transfer students must submit references from their Program Director, Clinical Instructors and Didactic Instructors and include documentation of all completed competencies. A maximum of one year transfer/advance placement will be permitted.

COLLEGE CREDIT and DEGREE

There is an articulation agreement with Montgomery college which enables MC students to complete their AS degree from MC upon completion of the MWHC program. Students may

Receive up to 60 college credits from specific colleges towards their Bachelors Degree after graduation from WHC Medical Imaging School and passing the ARRT national Boards. Some of the participating colleges include: Clarion University; St Joseph College and Florida Hospital College of Health Sciences.

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.

Non Discrimination Statement

The Center does not discriminate in any of its programs, procedures, or practices against any person on the Basis of age, citizenship, color, handicap, national origin, political affiliation, race, religion, sex, sexual Orientation or veteran's status. The Center operates equal opportunity and affirmative action programs for Faculty, staff and students. The WHC is an equal opportunity/affirmative action employer.

Handbook: Available upon request

Application Fee:

Application Fee should be submitted at the time of application.

The 25.00 Application fee should be payable to Medstar Washington Hospital Center

Sent to the Attention of Kim Miller

Washington Hospital Center

110 Irving St NW

BA 94 A

Washington, DC 20010

