

# *MONTGOMERY COLLEGE*

## RADIOLOGIC TECHNOLOGY INFORMATION SESSION





***WHAT DOES A  
RADIOGRAPHER DO?***



*Taking x-rays in a radiography department*



*Assisting in special procedure and fluoroscopy studies*



*Taking Portable x-ray images*



*Taking images in the surgical suite*

# *How do I become a radiographer?*

- Attend a program that provides academic and clinical training as designed by the ASRT
- [www.asrt.org](http://www.asrt.org)
- Montgomery College Radiologic Technology program accredited by the JRCERT
- [www.jrcert.org](http://www.jrcert.org)

# *What is a radiographer*

- Successful completion of a Radiologic technology program allows the graduate to sit for the ARRT national certification exam
- [www.arrt.org](http://www.arrt.org)
- RT ( R)
- Registered Technologist (Radiography)



# *THE PROGRAM*



- Accredited by the Joint Review Committee of the Education of Radiologic Technologists (JRCERT)
- Credit program with an award of an Associate of Applied Science (AAS) degree
- Graduates of the program staff the majority of the metropolitan hospitals

# *PROGRAM START*



- THE PROGRAM BEGINS FIRST FULL WEEK OF JUNE EACH YEAR.

# *ADMISSION REQUIREMENTS*

*Reference: [www.montgomerycollege.edu/rt](http://www.montgomerycollege.edu/rt)*

- [www.montgomerycollege.edu/rt](http://www.montgomerycollege.edu/rt)
- Montgomery College student
- Separate Application to RT Program
  - Application deadline MARCH 1
  - Completion of college level Math and English and completion of Biology 150 and BIOL 212
  - TEAS placement test
  - 27 spaces
  - All students accepted into the program are required to have a criminal background check and complete a alcohol or drug testing test based on clinical site placement.

*Please refer to the TEAS link located on the Rad Tech web page*

- [www.montgomerycollege.edu/rt](http://www.montgomerycollege.edu/rt)
- Prospective students will be required to take the Test of Essential Academic Skills (TEAS) in order to be considered for a seat in the Radiologic Technology Program.
- TEAS test assess reading, math, science and English skills.

## *TEAS CONT.*



- With the TEAS test as part of the application requirement, ranking candidates by GPA would no longer be used.
- However, a minimum GPA of 2.5 would still be required
- Students would ranked by TEAS scores
- Those students who have appropriate TEAS scores and have all of the priority classes and have indicated radiography as their first choice would be given first preference.

# *Now let's talk about priority placement*

- [www.montgomerycollege.edu/rt](http://www.montgomerycollege.edu/rt)
- Top Tier
- 2<sup>nd</sup> tier
- 3<sup>rd</sup> tier



*PLEASE CONTINUE TO CHECK THE  
RT WEB PAGE FOR THE LATEST  
INFORMATION ON THE PROGRAM  
[MONTGOMERYCOLLEGE.EDU/RT](http://MONTGOMERYCOLLEGE.EDU/RT)*

# *Radiologic Technology*



- [www.montgomerycollege.edu/rt](http://www.montgomerycollege.edu/rt)
- Mission and Goals
- Physical and Health Policies (Source: Student handbook on webpage)
  - Complete physical
  - Heb b vaccine
  - Communicable disease policy
  - Pregnancy policy
  - Health Insurance/liability insurance



# *Radiologic Technology Curriculum*



- Curriculum link on web page
- 66 credits
- Advised to take as many gen ed courses prior to entering program
- Must complete all gen ed classes to graduate from program

# *Grading scale*



- Didactic Grading scale:
- RADT 101, 102, 111, 112, 211, 206,207, 240

A 93-100

B 86-92

C 78-85

# *Grading scale-Clinical*



- Clinical Grading scale
- RADT 119, 120, 124, 125, 224,225

A 93-100

B 86-92

Cannot advance to the next semester unless  
ALL classes (didactic and clinical) have been  
successfully completed.

# *Expenses*



- Latest expenses can now be found on the RT web page
- [www.montgomerycollege.edu/rt](http://www.montgomerycollege.edu/rt)
- The program begins in summer-books for RADT 119 and RADT 111 are purchased in this first summer session

## *Estimated expenses*



- In addition please consider the following costs: hospital parking expenses, transportation expenses, yearly medical physical expense, yearly PPD tests if applicable, yearly flu vaccination

# *Duties of a radiographer*

*Pages 6 and 7 as denoted by the US Dept of Labor*



- Simplified version!!!
- Lift and move patients and accessories
- Coordinate movement of equipment, such as portable machines and accessories
- Utilize the skills needed to perform procedures with “Standard Precautions” when working with all types of patients
- Give oral instructions clearly to patients, peers and healthcare personnel
- Hear audible cues and warnings of imaging equipment and life support devices
- Utilize the sense of touch in order to provide patient care and position patients for radiographic examinations
- Evaluate images distinguishing between black, white and shades of gray tones.
- Utilize interpersonal skills to handle patients with physical or emotional trauma

# *CLINICAL COMPONENT*

## *First year*

- **Fall-** RADT 120 hours Tuesdays and Thursdays at assigned clinical site 7:30-4:00 = 240 hours
- **Spring** –RADT 124 8 hours Tuesdays and Thursdays at assigned clinical site 7:30-4:00 = 240 hours
- **Summer** - RADT 125 8 hours Mondays through Fridays 7:30-4:00 for 9 weeks = 360 hours

# *CLINICAL COMPONENT*

## *Second years*

- **Fall-** RADT 224 8 hours Mondays, Wednesdays and Fridays 7:30-4:00 = 360 hours
- **Spring -**RADT 225 8 hours Mondays, Wednesdays and Fridays 7:30-4:00 = 360 hours
- **TOTAL CLINICAL HOURS = 1560**
- RADT 240 (registry review class) Spring
- Students graduate in May of their final year.



# *RADIOLOGIC TECHNOLOGY PROGRAM*



- Clinical Sites within the Metropolitan Area
- Day Clinical Placements
- Clinical Sites by Lottery

# *CLINICAL SITES*



- George Washington University Hospital and the Ambulatory Care Center
- Medstar Georgetown University Hospital
- Holy Cross Hospital(Silver Spring and Germantown)
- Medstar Montgomery General Medical Center
- Johns Hopkins Suburban Hospital
- Virginia Hospital Center

# *Ancillary Mandatory Rotations*

- Choice of a Community Radiology Offices
- OR
- Laurel Radiology
- Children's Hospital (Required)

OPTIONAL ROTATIONS (LAST SEMESTER)

CT, MRI, NUC MED, RAD THERAPY,  
MAMMO, INTERVENTIONAL

# COMPLETION



- Two Year Full-Time Program
- Rate of Completion after first semester 90-100%
- Important statistics the public needs to know:
- [www.montgomerycollege.edu/rt](http://www.montgomerycollege.edu/rt)



# *QUESTION*



- True or False
- A radiologic technology student chooses their hospital site
  - Answer
  - False

## *Completion*



- \$58,000 - \$62,000 Beginning Salary
- PRN positions, full time positions, part time positions. Hourly wage higher
- Office, hospital, mobile, outpatient clinic
- Huge shortages in the field. Job market extremely open.

*ARRT PRE-APPLICATION OF ELIGIBILITY FOR  
CERTIFICATION*



- [www.rrt.org](http://www.rrt.org)

# *Disability Statement*

- **Disability Statement**
- *Any student who may need an accommodation due to a disability, please make an appointment should speak to a faculty member or a counselor during regular office hours. In order to receive accommodations, a letter from Disability Support Services(R-CB122; G-SA175; or TP-ST120) will be needed. Any student who may need assistance in the event of an emergency evacuation must identify to the Disability Support Services Office; guidelines for emergency evacuations are at: [www.montgomerycollege.edu/dss/evacprocedures.htm](http://www.montgomerycollege.edu/dss/evacprocedures.htm).*




# *ADVANCEMENT*



- [www.arrrt.org](http://www.arrrt.org)
- Cross train in CT, MRI, Mammo, QC, DEXA
- Nuc. Med/Radiation Therapy/Sonography
- Undergrad opportunity at GWU/College of Notre Dame /Towson/see Rad Tech web page for more articulations agreements

*Rose Aehle 240-567-5564 or [rose.aehle@montgomerycollege.edu](mailto:rose.aehle@montgomerycollege.edu)*

*Kathy Lewandowski 240-567-5565 or  
[kathy.lewandowski@montgomerycollege.edu](mailto:kathy.lewandowski@montgomerycollege.edu) or*



Radiology is an exciting career field. The academic classes and clinical training are equally as vigorous as other health care field including nursing but the rewards are great. If you like daily challenges, working with people and are a good critical thinker, this is the perfect field for you.