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
- Montgomery College Radiologic Technology program accredited by the JRCERT
- 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
- RT (R)
- Registered Technologist (Radiography)

THE PROGRAM

- Accredited by the Joint Review Committee of the Education of Radiologic Technologists (JRCERT) and follows 2021 JRCERT standards
- 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 THE FIRST WEEK OF JUNE EACH YEAR.

ADMISSION REQUIREMENTS

- Montgomery College student
- Separate Application to RADT 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 <u>TEAS link</u>

- 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
- 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
- Top Tier
- 2nd tier
- 3rd tier



Radiologic Technology

- Mission and Goals
- Physical and Health Policies (Source: <u>Student handbook</u>)
 - Complete physical
 - Heb b vaccine
 - Communicable disease policy
 - Pregnancy policy
 - Health Insurance/liability insurance

Radiologic Technology Curriculum

- Information packet located on website
- Student handbook located on website
- 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 <u>RADT web page</u>
- The program begins in summer-books for RADT 119 and RADT 111 are purchased in this first summer session

Estimated additional 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 grade 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
- Washington Radiology Chevy Chase
- 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%
- Completion and Success Rates



QUESTION

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

Completion

- \$60 \$72,000+ Beginning Salary
- PRN positions, full time positions, part time positions
- Office, hospital, mobile, outpatient clinic
- Job market has very open

ARRT PRE-APPLICATION OF ELIGIBILITY FOR CERTIFICATION

• www.arrt.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 <u>Disability Support Services</u>(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 link noted.

ADVANCEMENT

- www.arrt.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

Kathy Lewandowski 240-567-5565 or

kathy.lewandowski@montgomerycollege.edu or

Crystal McBee 240-567-1535 or crystal.mcbee@montgomerycollege.edu

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.

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