

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)

Question

- The curriculum for the Radiologic Technology program is designed by
 - ARRT?
 - ASRT?
 - JRCERT?
-
- Answer:
 - ASRT

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 THE WEEK OF MEMORIAL DAY EACH YEAR.

ADMISSION REQUIREMENTS

Reference: www.montgomerycollege.edu/rt

- 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.

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



- 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
- Top Tier
 - BIOL 213 and HINM 115 complete +TEAS
- 2nd tier
 - BIOL 213 or HINM 115 complete+TEAS
- 3rd tier
 - Minimal requirements +TEAS

*Biology 212 and 213 more than 5
years ago?*

- Take BIOL 228- pathophysiology (3 credits)

NEW NEW NEW NEW!!!!



PLEASE USE THE 2019/2020 HEALTH
SCIENCE APPLICATION FORM-TO BE
POSTED AFTER AUGUST 1, 2018

USING THE CURRENT ONE WILL
NOT BE ACCEPTED FOR THE MARCH
1 2019 ACCEPTANCE PROCESS

NEW ADMISSION ACCEPTANCE PROCESS



A WEIGHTING SYSTEM WILL BE
INCORPORATED INTO THE
ACCEPTANCE PROCESS

*A NUMERICAL VALUE ASCENDING TO
DESCENDING WILL BE DESIGNATED FOR THE
FOLLOWING:*



- TEAS SCORES
 - EXEMPLARY, ADVANCE, PROFICIENT
- # OF ATTEMPTS TO PASS REQUIREMENT COURSES
- # OF PRIORITY COURSES COMPLETED
- EARNED DEGREE/PRIOR EDUCATION/# OF COURSES TAKEN SIMULTANEOUSLY

Weighting System

Selection for admissions is based on a Point system. Students with the highest points will be admitted first until all seats are filled.

TEAS (Reading-70%, AITS-66%)

Exemplary – 4 pts

Advance – 3 pts

Proficient – 2 pts

Priority Courses Completed

All – 4 pts

1 course – 2 pts

None – 0 pts

Number of attempts to pass minimum requirements and priority courses

1st attempt – 4 pts

2nd attempt – 3 pts

3rd attempt – 2 pts

4th attempt – 1 pts

Prior Educational Experience

Prior degree – 5 pts

6 – 8 credit hrs/semester – 2 pts

3 – 5 credit hrs/semester – 1 pts

(credit hours are based on last 24 credits)



*PLEASE CONTINUE TO CHECK THE
RT WEB PAGE FOR THE LATEST
INFORMATION ON THE PROGRAM
MONTGOMERYCOLLEGE.EDU/RT*

Question



- What is the deadline for submitting your application for consideration of acceptance into the Radiologic technology program?
 - Answer:
 - March 1

Question



- What are the two classes that if completed by the end of the fall semester, places an applicant in the top tier for consideration?
 - Answer:
 - BIOL 213
 - HINM 115

Radiologic Technology



- 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

A decorative graphic consisting of a horizontal bar with a gradient from dark blue on the left to yellow on the right, ending in a pointed arrow shape on the right side.

- 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.

Question:



- True or False
- If a female becomes pregnant while enrolled in the Radiologic technology program the female must stop the program
 - Answer
 - FALSE

Expenses



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

NEW REQUIREMENT



- All Health Science students are required to have health insurance. Uninsured Maryland resident students can browse the state website at
- www.marylandhealthconnection.gov
- Or call 1-855-642-8572 (TTY 1-855-642-8573)
- Or download the Healthy Young American App (it's free!)

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

QUESTION



- Name one yearly expense (other than tuition and books) incurred by a student in the Radiologic technology program

Answer to Yearly expense outside of tuition and books



- Yearly physical
- Yearly PPD test
- Yearly background check
- Yearly drug/alcohol screening

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
- Georgetown University Hospital
- Holy Cross Hospital
- Medstar Montgomery General Medical Center
- Suburban Hospital
- Virginia Hospital Center (formerly known as Arlington Hospital)

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

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



QUESTION



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

Completion



- \$42 - \$50,000 Beginning Salary
- PRN positions, full time positions, part time positions
- Office, hospital, mobile, outpatient clinic
- Job market has become more open

*ARRT PRE-APPLICATION OF ELIGIBILITY FOR
CERTIFICATION*



- 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.*

ADVANCEMENT



- 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

Kathy Lewandowski 240-567-5565 or

kathy.lewandowski@montgomerycollege.edu or

Patty Gorski 240-5675566 or patricia.gorski@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.