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 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
• 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.
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 be 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
• 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](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.
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 grade 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.
• 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
• 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.arrt.org
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.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
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.