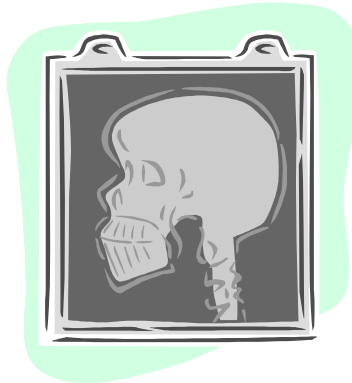


Middle Georgia Technical College
Radiologic Technology
Information Packet



Radiologic Technology



**Middle Georgia Technical College
80 Cohen Walker Drive
Warner Robins, Georgia 31088
478-988-6800
Toll Free: 800-474-1031**

Revised October 6, 2009

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Admission to the College and to the Radiologic Technology Program are two distinct processes.

Students are responsible for understanding both processes.

- **Questions regarding Admission to the College should be directed to Mr. Dann Webb, Director of Admissions, at (478) 988-6850 or dwebb@midlegatech.edu.**
- **Questions regarding admission to the Radiologic Technology Program should be directed to Erin Giddens, at (478) 988-6800 extension 4047 or at egiddens@midlegatech.edu.**

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FREQUENTLY ASKED QUESTIONS

What is a radiologic technologist?

--A healthcare professional who is educated, trained, and certified to make images of patients' body parts to help physicians diagnose injury and/or disease.

Where do they work?

--They are employed in clinics, hospitals, doctor's offices, public health departments, and prisons

What training is involved?

--Middle Georgia Tech offers a two-year program. We accept students once a year. Entrance exams and grade point averages are used in considering admission into the program. We award either an Associate Of Applied science degree or a diploma at the completion of the program, which allows you to apply to sit for the accreditation examination administered by the American Registry of Radiologic Technologists. After obtaining this certification, many radiographers continue their education to specialize in other areas of radiology. These areas include Mammography, Computed Tomography (CT), Ultrasound, Nuclear Medicine Technology, Angiography and Magnetic Resonance Imaging (MRI).

What are the qualifications for admission to this radiologic technology program of study?

--Applicants must be at least 18 years old and have a high school diploma or GED. There is limited enrollment into this program; therefore only the best academically qualified students are selected. Selection is based on successful completion of required core courses and the score on an allied health aptitude test. When there are more qualified candidates than can be accommodated, a composite score based on grade point averages calculated on the core courses required to enter the program and the allied health aptitude test are used to select the students entering the program.

Is there anything else that is required?

--Students in this program must be in good health. A physical examination is required prior to beginning clinical practice. Radiologic Technology is a challenging, sometimes stressful, and oftentimes a demanding field. Certain personal characteristics are necessary to succeed in this field. You must exhibit willingness and desire to work with the sick and injured. You must be cordial, congenial, empathetic, sympathetic, accurate, thorough and ambitious.

Exactly what will I study during this program?

--You must successfully complete courses in anatomy and physiology, medical terminology, patient care, radiation science, radiographic technique, radiographic anatomy and positioning, radiation protection, and pathology. You will acquire knowledge and skills by working with patients under the direction and supervision of certified radiologic technologists.

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What happens after I finish the MGTC radiology program?

--After successful completion, you are eligible to apply to take the certification examination given by the American Registry of Radiologic Technologists. Those who pass this examination are eligible to use the initials "R.T.(R)" after their name. This indicates professional status and many medical institutions will only hire registered technologists.

What will I earn as an "R.T."?

--Current salaries for entry-level positions vary. Generally, the starting salary for this area is \$15.00 - \$17.00 per hour. One can expect to earn more with experience and advanced education. Most facilities offer various employee benefits such as medical and dental insurance, retirement plans and tuition assistance for continued education.

Why should I choose MGTC when other programs are available?

--MGTC's program offers state-of-the-art equipment for laboratory studies and advanced facilities for clinical training. We are currently utilizing ten facilities for clinical training, which allows us to offer a vast array of training for the students. Our on-site laboratory has a new radiographic unit and film processor. Students can gain knowledge during laboratory training that is easily transferred to the clinical sites.

--MGTC's faculty offers forty years in combined experience. They are involved in local, state and national organizations for the radiologic science field. They are active in continuing education.

--There are many reasons to choose MGTC; perhaps one of the most rewarding is the HOPE scholarship. Superb educational opportunities are at your fingertips, without the high financial obligation of some post-secondary programs.

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PURPOSE

The purpose of the Radiography program is to provide educational opportunities to individuals that will enable them to obtain the knowledge, skills, and attitudes necessary to succeed as radiographers. The Radiography program provides educational opportunities regardless of race, color, national origin, religion, sex, age, handicapping condition, academic disadvantage, or economic disadvantage. The Radiography program graduates are eligible to apply for a national certification examination (www.arrt.org) for radiographers and are prepared to function as professionals in the field of radiography. Program graduates are to be competent in the general areas of communications, algebra, interpersonal relations, and anatomy and physiology. Program graduates are competent to perform imaging examinations and accompanying responsibilities assigned to a radiographer at the direction of physicians qualified to request and/or perform radiologic procedures.

MISSION

The mission of the MGTC Radiography Program is to provide quality instruction for radiography students that will enable them to benefit and contribute in the economic development of the community. It prepares students for employment in radiologic technology and encourages personal and professional development. In support of this mission, the Radiography Program has the following goals:

1. Students/graduates will be clinically competent.
2. Student graduates will demonstrate problem solving skills and appropriate critical thinking skills.
3. Students will demonstrate appropriate communication skills.
4. Students will be involved in professional growth and development activities.
5. Students will demonstrate high ethical standards and professional appropriate care.
6. Students will graduate with entry-level skills.
7. Employers will be satisfied with the performance of graduates from the radiography program.
8. Graduates will successfully the challenge the national certification exam (ARRT) on the first attempt.

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PROCEDURES FOR ENROLLING IN RADIOLOGIC TECHNOLOGY

Applicants must be at least 18 years old and have a high school diploma or its equivalent.

To be admitted, applicants must complete the following steps:

1. Submit an Application for Admission as soon as possible, along with a \$15 non-refundable application fee.
2. Refer to the Radiologic Technology Checklist in this Admission Packet. The checklist identifies the mandatory items to be furnished prior to acceptance into the program.
3. Schedule to take the PSB Health Occupations Aptitude Exam - \$20; Call the C.A.R.E. Center at (478) 988-6800 ext. 5021 or ext. 5017 to schedule. (This test is given numerous times at Middle Georgia Tech during the year). A PSB score of 230 or higher is to be eligible for selection into the radiologic technology program. An applicant may choose to retake the PSB exam and the \$20 fee will be applied. If multiple PSB scores are available, the highest score will be used for selection eligibility.
4. Schedule to take the COMPASS/Asset assessment and placement exam. There is no charge for the initial exam.

..OR..
5. Request transfer credit for courses completed at accredited college(s) or other educational institutes, if applicable. Submit an official transcript to Student Services and complete a Request for Transfer Credit form.

Entrance into the Radiologic Technology program is competitive and applicants will be ranked and the top candidates selected using the following factors.

1. Cumulative GPA of core courses
2. Successful completion of the PSB-Health Occupations Aptitude Exam (score of 230 or higher is required)

Slots are filled from the highest point score downward. Final selections will be made by end of June.

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Appropriate transfer credit will be given only for courses which correspond to courses in the radiologic technology curriculum and which have been taken at a fully accredited college or university.

Middle Georgia Technical College will accept thirteen (13) new students into the program each year based on space availability. Students who are not selected are welcome to apply for the program the following year.

A student who has been convicted of a felony or misdemeanor may be admitted into the radiologic technology program, but such a conviction may prohibit one from obtaining clinical experience, necessary to satisfy graduation requirements.

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APPLICANT FILE CHECKLIST

Dear Applicant:

Your record folder must contain the following items/documents to be eligible for selection into the radiography program; however, please be advised that providing the following documentation *does not* guarantee acceptance into the radiography program.

_____ Application for Admission

_____ High School/GED Transcript

_____ College Transcript

_____ Proof of Age

_____ ****PSB Score (Health Occupations Aptitude Test)**

_____ **Place your name on the list of selectees (must request a copy of your transcripts from the Registrar and take these documents to the Director of Admissions)**

**** A PSB score does not need to be on file for admission to the school; however, an acceptable score does need to be on file to be eligible for selection into the program. It is recommended that students challenge the PSB after the completion of AHS 1011, Anatomy and Physiology.**

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ASSOCIATE OF APPLIED SCIENCE (AAS) PROGRAM

Dear Applicant,

The following is a guideline that will benefit and direct you as you complete the classes necessary to be eligible for selection. Please keep up with this document as you complete your core classes and challenge the PSB.

Core Classes: The objectives must be completed to be eligible for selection. Even if the applicant does complete the courses on the campus of MGTC, *official* transcripts must be on file documenting proof of course completion prior to the selection process. No exceptions.

The selection process takes place each spring quarter for the program beginning fall quarter. The last day of spring quarter marks the deadline for completion of any program prerequisites. These guidelines will be strictly adhered to, so please refer the MGTC school calendar for deadlines.

- **English 1101**
- **SPC 1101**
- **English 1102**
- **OR**
- **Humanities elective**
- **PSY 1101**
- ***BIO 2113** Minimum final score of “B” must be achieved.
- ***BIO 2114** Minimum final score of “B” must be achieved.
- **MAT 1111** Minimum final score of “B” must be achieved.
- **SCT 100** (Intro to Microcomputers)
- **PSB** (Allied Health Aptitude Test) Minimum Score of **230** must be achieved.

*Students must complete **both** BIO 2113 **and** BIO 2114 to satisfy the anatomy and physiology requirements.

Not all of the above courses are offered on the campus of Middle Georgia Technical College; the applicant is encouraged to contact a program advisor or Student Affairs representative for course availability.

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AHS 104 (Introduction to Healthcare will be taught during the Summer quarter following the selection of candidates).

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To place your name on the eligible list of candidates, you (the candidate) must request a copy of your transcripts from the Registrar and take these documents to the Director of Admissions. This action, to be completed by the candidate, will place the candidate's name on the list of selectees. Failure to do so may exclude the candidate's name on the eligibility list and forfeiture of a seat in the following graduating class.

**Please contact either a Student Affairs Specialist at
478-988-6850 or
Radiology Program Director at
478-988-6800 Extension 4047 with any questions.**

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DIPLOMA PROGRAM

Dear Applicant,

The following is a guideline that will benefit and direct you as you complete the classes necessary to be eligible for selection. Please keep up with this document as you complete your core classes and challenge the PSB.

Core Classes: The objectives must be completed to be eligible for selection. Even if the applicant does complete the courses on the campus of MGTC, *official* transcripts must be on file documenting proof of course completion prior to the selection process. No exceptions.

The selection process takes place each spring quarter for the program beginning Fall quarter. The last day of spring quarter marks the deadline for completion of any program prerequisites. These guidelines will be strictly adhered to so; please refer the MGTC school calendar for deadlines.

- **ENG 1010**
- **PSY 1010**
- **AHS 1011** Minimum final score of “B” must be achieved.
- **MAT 1013** Minimum final score of “B” must be achieved.
- **SCT 100** (Intro to Microcomputers)
- **PSB** (Allied Health Aptitude Test) Minimum Score of **230** must be achieved.

AHS 104 (Introduction to Healthcare will be taught during the summer quarter following the selection of candidates).

To place your name on the eligible list of candidates, you (the candidate) must request a copy of your transcripts from the Registrar and take these documents to the Director of Admissions. This action, to be completed by the candidate, will place the candidate’s name on the list of selectees. Failure to do so may exclude the candidate’s name on the eligibility list and forfeiture of a seat in the following graduating class.

Please contact either a Student Affairs
Specialist at 478-988-6850 or
Radiology Program Faculty at
478-988-6800 Extension 4047 with any questions.

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**RADIOLOGIC TECHNOLOGY
PROGRAM COURSE SEQUENCE**

First Quarter

Course No.	Course Title	Class Hours	Lab Hours	Credit Hours
RAD 101	Introduction to Radiologic Technology	4	2	5
RAD 103	Body, Trunk, & Upper Extremity Procedures	2	3	3
RAD 132	Clinical Radiography I	0	14	5
	Total	6		13

Second Quarter

Course No.	Course Title	Class Hours	Lab Hours	Credit Hours
RAD 123	Radiologic Science	5	0	5
RAD 106	Lower Extremity & Spine Procedures	2	3	3
RAD 133	Clinical Radiography II	0	21	7
	Total	7		15

Third Quarter

Course No.	Course Title	Class Hours	Lab Hours	Credit Hours
RAD 107	Rad Exposure I	3	3	4
RAD 109	Contrast Procedures	2	2	3
RAD 134	Clinical Radiography	0	21	7
	Total	5		14

Fourth Quarter

Course No.	Course Title	Class Hours	Lab Hours	Credit Hours
RAD 116	Rad Exposure II	3	0	3
RAD 113	Cranium Procedures	1	2	2
RAD 135	Clinical Radiography IV	0	21	7
	Total	4		12

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**RADIOLOGIC TECHNOLOGY
PROGRAM COURSE SEQUENCE**

Fifth Quarter

Course No.	Course Title	Class Hours	Lab Hours	Credit Hours
RAD 119	Radiographic Pathology and Medical Terminology	3	0	3
RAD 120	Principles of Radiation Biology and Protection	5	0	5
RAD 136	Clinical Radiography V	0	21	7
	Total	8		15

Sixth Quarter

Course No.	Course Title	Class Hours	Lab Hours	Credit Hours
RAD 117	Radiographic Imaging Equipment	3	3	4
RAD 137	Clinical Radiography VI	0	28	10
	Total	3		14

Seventh Quarter

Course No.	Course Title	Class Hours	Lab Hours	Credit Hours
RAD 126	Radiologic Technology Review	4	0	4
RAD 138	Clinical Radiography VII	0	28	10
	Total	4		14

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**RADIOLOGIC TECHNOLOGY
PROGRAM EXPENSES**

1st Qtr		
RAD 101	Introduction to Radiography and Patient Care	64.95
RAD 103	Textbook of Radiographic Positioning and Related Anatomy, packaged w/Workbook and Laboratory Manual Radiographic Positioning Vol I	201.70
RAD 132	MGTC Radiologic Technology Clinical Manual	4.00
	Pocket Guide to Radiography	39.95
	The Radiography Procedure and Competency Manual	15.00
	Dosimeter	15.00
	TOTAL COSTS	374.30
2nd Qtr		
RAD 106	No new text required.	0.00
RAD 123	Principles of Radiographic Imaging	130.00
RAD 133	Dosimeter	15.00
	TOTAL COSTS	195.00
3rd QTR		
RAD 107	No new text required	0.00
RAD 109	Workbook of Radiographic Positioning and Related Anatomy Vol. II	0.00
RAD 134	Dosimeter	15.00

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4th QTR		
RAD 116	No new text required	0.00
RAD 113	No new text required	0.00
RAD 135	Dosimeter	15.00
	TOTAL COSTS	15.00
5th QTR		
RAD 119	Radiographic Pathology for Technologists.	67.45
RAD 120	Radiation Protection in the Medical Radiographer	53.70
RAD 136	Dosimeter	15.00
	TOTAL COSTS	136.15
6th QTR		
RAD 117	No new text required	0.00
RAD 137	Dosimeter	15.00
	TOTAL COSTS	15.00
7th QTR		
RAD 126	Program Review and Exam Preparation	62.45
	Davis's Practice Guide for the Radiography Examination	49.95
	ARRT Application Fee	150.00
RAD 138	Dosimeter	15.00
	TOTAL COSTS ALL PRICES ARE SUBJECT TO CHANGE	277.40
UNIFORMS	Consists of royal blue scrub shirt, royal blue scrub pants, and white athletic or nursing shoes	
Scrub shirt		\$16.00 to \$25.00

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Pants	\$16.00 to \$35.00
White athletic/clinic shoe approved by program faculty: One required for the lab coat and each scrub top.	\$30.00-100.00 Approximately \$3.00 each
** Any uniforms purchased need to be approved by the program chair and clinical coordinator prior to participating in clinical education.	

PHYSICAL EXAM AND SHOTS

Physicals may be completed at the Houston County Health Department or physician or clinic of your choice.

Health department
cost:

Physical	\$35.00
MMR	\$10.00
PPD	\$5.00
Hep B 1 st visit	\$35.00
2nd visit	\$35.00
3rd visit	\$35.00
Drug screening	\$45.00
Background check	\$48.50
Total Costs	\$248.50

CERTIFICATION FEES

ARRT Pre-Application Fee: Nonrefundable and may not be necessary	\$75.00
Application/Test fee	\$150.00
Total Costs	\$225.00

MISCELLANEOUS FEES

The following fees are not currently required but may be required in the future due to changing policies and therefore, should be budgeted for accordingly.

Graduation pins	\$17.95 each
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Traveling expenses/gas Based on the distance traveled from your place of residence.
You are encouraged to bring your lunch, since the hospital
cafeteria costs may be high for non-staff members.

Mileage to Clinical Sites with MGTC as the origin site:

Perry	10.00
Houston Medical Center	10.00
Pavilion Diagnostic Center	8.00
Taylor Regional Center	25.00
Peach Regional Medical Center	25.00
Coliseum Medical Center	30.00
Macon Northside Hospital	30.00
Robins Air Force Base	10.00
Medical Center of Central Georgia	30.00
The Imaging Center	10.00

Days in Clinical each week:

Rad 132	3
Rad 133	3
Rad 134	3
Rad 135	3
Rad 136	3
Rad 137	4
Rad 138	4

The figures are estimates only for personal budgeting purposes only and not guaranteed by any persons associated with this program or this institution.

Tuition, if not covered by the HOPE Grant or HOPE Scholarship:

\$40.00 per credit hour for in -state tuition and **\$80.00** per credit hour for out-of-state tuition.