

**ASSOCIATE IN APPLIED SCIENCE IN RADIOLOGIC TECHNOLOGY &  
BACHELOR OF SCIENCE IN RADIOLOGICAL SCIENCE**

Name: \_\_\_\_\_

PRINT STUDENT'S NAME

EMPL ID# \_\_\_\_\_

**AAS PROGRAM**

<b>PRECLINICAL 1 (8 credits)</b>	<b>CR</b>	<b>Remarks</b>	
2 WI courses (one in Gen Ed and one in the major), are <b>required</b>			
BIO 1101 Biology (minimum grade "C")	4		
ENG 1101 English Composition I	3		
RAD 1124 Introduction to Radiologic Technology & Medical Imaging	1		
<b>PRECLINICAL 2 (8 credits)</b>			
BIO 2311 Human Anatomy and Physiology I (minimum grade "C", and must be within the last 5 years)	4		
MAT 1275 College Algebra and Trigonometry or higher	4	16 credits	

<b>SEMESTER 1 (12 credits)</b>			
BIO 2312 Human Anatomy and Physiology II (minimum grade "C", and must be within the last 5 years)	4		
RAD 1125 Radiographic Procedures I	2		
RAD 1126 Image Production and Evaluation I	2		
RAD 1127 Patient Care and Management	2		
RAD 1129 Radiation Protection and Applied Radiobiology	2	12 credits	
<b>SEMESTER 2 (12 credits)</b>			
PHIL 2203 Health Care Ethics	3		
RAD 1225 Radiographic Procedures II	2		
RAD 1226 Image Production and Evaluation II	2		
RAD 1227 Radiographic Pathology	3		
RAD 1228 Clinical Education I	2	12 credits	
<b>SUMMER 1 (3 credits)</b>			
RAD 1229 Clinical Education II	3	3 Credits	
<b>SEMESTER 3 (12 credits)</b>			
PSY 1101 Introduction to Psychology	3		
RAD 2325 Radiographic Procedures III	2		
RAD 2326 Radiographic Physics	2		
RAD 2327 Cross Sectional Anatomy	2		
RAD 2328 Clinical Education III	3	12 credits	
<b>SEMESTER 4 (9 credits)</b>			
RAD 2425 Advanced Radiographic Studies	2		
RAD 2426 Imaging Modalities (WI)	2		
RAD 2427 Seminar: Film Critique	2		
RAD 2428 Clinical Education IV	3	9 credits	
<b>SUMMER 2 (2 credits)</b>			
RAD 2429 Clinical Education V	2	2 credits	

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**BS PROGRAM**

SEMESTER 5 (15 credits)	CR	Remarks	
COM 1330 Public Speaking	3		
PHYS 2603 Physical Principles of Medical Imaging	3		
WCGI World Cultures and Global Issues	3		
PSY 2XXX	3		
<i>CHOOSE 1 ADDITIONAL COURSE FROM THE OPTIONS BELOW:</i>			
GEN *RAD 3629 Advanced Anatomy with Pathophysiology	3	15 credits	
CT ** RAD 3525 CT Anatomy, Pathophysiology & Instrumentation	3	15 credits	
MR *** RAD 3737 MR Anatomy, Pathophysiology & Instrumentation	3	15 credits	
SEMESTER 6 (13 to 14 credits)			
ENG 1121 English Composition II	3		
MAT 1375 Pre-Calculus	4		
USED US Experience in Its Diversity	3		
<i>CHOOSE ADDITIONAL COURSE/S FROM THE OPTIONS BELOW:</i>			
GEN *RAD 3726 Advanced Imaging I	3	13 credits	
CT** RAD 3728 CT Clinical Education I + RAD 4828 Medical Informatics/QM/HIS	1+3	14 credits	
MR *** RAD 3739 MR Clinical Education I + RAD 4828 Medical Informatics/QM/HIS	1+3	14 credits	
SEMESTER 7 (13 to 15 credits)			
RAD 3527 Advanced Patient Assessment – Pharmacology	3		
ID Interdisciplinary	3		
CE Creative Expression	3		
LIB 1201 Research and Documentation for the Information Age (WI)	3		
<i>CHOOSE 1 ADDITIONAL COURSE FROM THE OPTIONS BELOW:</i>			
GEN *RAD 4826 Advanced Imaging II or RAD 3200 Principles of Mammography	3	15 credits	
CT ** RAD 4628 CT Clinical Education II	1	13 credits	
MR *** RAD 4629 MR Clinical Education II	1	13 credits	
SEMESTER 8 (12 to 13 credits)			
Lib Art	3		
Lib Art	3		
RAD 4830 Capstone Leadership Roles in Medical Imaging (WI)	3		
<i>CHOOSE ADDITIONAL COURSE/S FROM THE OPTIONS BELOW:</i>			
GEN *RAD 4828 Medical Informatics/QM/HIS	3	12 credits	
CT ** RAD 4728 CT Clinical Education III + RAD 4827 Advanced CT Theory and Applications	1+3	13 credits	
MR *** RAD 4729 MR Clinical Education III + RAD 4829 Advanced MR Theory and Applications	1+3	13 credits	

- \* General Concentration
- \*\* Computed Tomography Concentration
- \*\*\* Magnetic Resonance Concentration

**Writing Intensive (WI) Requirement**

Students at New York City College of Technology must complete two courses designated WI for the associate level, one from Gen Ed and one from the major; and two additional courses designated WI for the baccalaureate level, one from Gen Ed and one from the major.