

Sample Course of Study  
Medical Radiologic Technology  
Associate of Applied Science Degree  
State Technical College of Missouri

1 <sup>st</sup> Fall Semester		17 hours
BIO 120	Human Anatomy & Physiology I	4
MRT 101	Introduction to Healthcare & Radiologic Technology	1
MRT 105	Patient Care & Education	2
MRT 110	Radiation Protection	2
MRT 121	Medical Terminology I	2
MRT 130	Radiographic Procedures I	4
MRT 140	Clinical Education I	2
1 <sup>st</sup> Spring Semester		14 hours
BIO 125	Human Anatomy & Physiology II	4
MRT 126	Medical Terminology II	2
MRT 150	Radiographic Exposures I	2
MRT 160	Radiographic Procedures II	4
MRT 170	Clinical Education II	2
Summer Semester		12 hours
CPP 101	Intro to Microcomputer Usage	3
MRT 155	Radiographic Exposures II	2
MRT 180	Sectional Anatomy	2
MRT 190	Radiographic Procedures III	3
MRT 200	Clinical Education III	2
2 <sup>nd</sup> Fall Semester		15 hours
COM 111	Oral Communications	3
COM 125	Job Search Strategies	1
MRT 210	Radiation Physics	2
MRT 221	Advanced Digital Imaging	3
MRT 231	Radiographic Procedures IV	3
MRT 240	Clinical Education IV	3
2 <sup>nd</sup> Spring Semester		14 hours
MRT 251	Radiographic Pathology	2
MRT 260	Radiobiology	2
MRT 270	Radiographic Procedures V	2
MRT 281	Curriculum Review	2
MRT 290	Clinical Education V	3
PSC 101/HST 105/HST 110	Social Science Gen. Ed. Requirement	3

**Pre-requisite courses (must be complete by the spring semester prior to fall program admission)**

ENG 101 English Composition **or** ENG 110 Honors Composition (grade of C or above required)

**and**

MAT 115 College Algebra **or** MAT 118 Survey of College Mathematics **or** MAT 120 Pre-Calculus **or** MAT 122 Elements of Calculus **or** MAT 123 Calculus I (grade of C or above required)

Please read course descriptions in the [college catalog](#) on the State Tech website for additional course pre-requisites.