

# AAS: Radiologic Technology

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## Developmental Courses as required based on placement scores

<input type="checkbox"/>	<b>No Developmental Courses Required</b>
<input type="checkbox"/>	<b>ENG 91</b> Writing for College 1 – Score of 4 E Code 1 and below
<input type="checkbox"/>	<b>ENG 92</b> Writing for College 2 – Score of 6 E Code 2
<input type="checkbox"/>	<b>ESL 94</b> Academic Writing 1 – Score of 5 or 6 E Code 6
3 <input type="checkbox"/>	<b>ESL 122</b> Academic Writing 2 (3 credits) – Score of 7 E Code 7
<input type="checkbox"/>	<b>MATH 92</b> Pre-Algebra – Arithmetic score 44 and below, Elementary Algebra 54 and below
<input type="checkbox"/>	<b>MATH 93</b> Beginning Algebra – Arithmetic score 45 and above, Elementary Algebra 54 and below <b>OR</b> <b>MATH 94</b> Math Literacy – Arithmetic score 45 and above, Elementary Algebra 54 and below
<input type="checkbox"/>	<b>READ 93</b> Foundation of College Reading – Score of 57 and below
3 <input type="checkbox"/>	<b>READ 105</b> Analytical Reading (3 credits) – Score of 58 and higher

## New General Education Requirements

3 <input type="checkbox"/>	<b>ENG 101</b> – Writing and Research Choose an item.
3 <input type="checkbox"/>	<b>ENG 102<sup>1</sup></b> – Writing and Literature Choose an item.
4 <input type="checkbox"/>	<b>MATH 135</b> – College Algebra with Trigonometry Choose an item.
4 <input type="checkbox"/>	<b>BIOL 121</b> – Anatomy and Physiology 1 Choose an item.
4 <input type="checkbox"/>	<b>BIOL 123</b> – Anatomy and Physiology 2 Choose an item.
3 <input type="checkbox"/>	<b>PSYCH 101<sup>1</sup></b> – General Psychology Choose an item.

## Degree Requirements

4 <input type="checkbox"/>	<b>RAD 101</b> – Radiographic Technique 1 (and Lab): 75 hours
4 <input type="checkbox"/>	<b>RAD 103</b> – Radiographic Positioning 1 (and Lab): 75 hours
4 <input type="checkbox"/>	<b>RAD 105</b> – Radiographic Technique 2 (and Lab): 75 hours
4 <input type="checkbox"/>	<b>RAD 107</b> – Radiographic Positioning 2 (and Lab): 75 hours
2 <input type="checkbox"/>	<b>RAD 112</b> – Radiologic Terms, Ethics & Law: 30 hours
2 <input type="checkbox"/>	<b>RAD 114</b> – Radiologic Science Patient Care: 30 hours

<sup>1</sup> Completed prior to or within program.

<input type="checkbox"/>	<b>RAD 116<sup>2</sup></b> – Intro to Radiation Protection: 15 hours
<input type="checkbox"/>	<b>RAD 141</b> – Clinical Education 1: 180 hours
<input type="checkbox"/>	<b>RAD 142</b> – Clinical Education 2: 240 hours
<input type="checkbox"/>	<b>RAD 143</b> – Clinical Education 3: 420 hours
<input type="checkbox"/>	<b>RAD 200</b> – Radiographic Technique 3: 45 hours
<input type="checkbox"/>	<b>RAD 202</b> – Advanced Imaging: 30 hours
<input type="checkbox"/>	<b>RAD 203</b> – Radiographic Positioning 3: 75 hours
<input type="checkbox"/>	<b>RAD 207</b> – Special Radiographic Imaging: 45 hours
<input type="checkbox"/>	<b>RAD 221</b> – Radiographic Pathology: 30 hours
<input type="checkbox"/>	<b>RAD 223</b> – Sectional Anatomy: 45 hours
<input type="checkbox"/>	<b>RAD 224</b> – Radiation Protection and Biology: 45 hours
<input type="checkbox"/>	<b>RAD 241</b> – Clinical Education 4: 320 hours
<input type="checkbox"/>	<b>RAD 242</b> – Clinical Education 5: 240 hours
<input type="checkbox"/>	<b>RAD 243</b> – Clinical Education 6: 380 hours

SEEN BY:

Completed credits

of 70 required

**Summer 1 RAD 143- Clinical Education III - 2 credits = 420 hours**

**Summer 2 Clinical Education VI 2 Credits = 380 hours**

**Total Clinical Hours = 1780 Total Academic Hours = 1110**

<sup>2</sup> Prior to entering clinical rotation in the first semester, each freshman student must pass a written examination in Radiation Protection.

# AAS: Radiologic Technology

Students must pass all Radiologic Technology courses including Anatomy & Physiology 1 & 2, Radiation Protection and Biology, College Algebra with Trigonometry, and Sectional Anatomy with a minimum grade of “C” in order to continue in the program. Radiation Protection and Biology is limited to students who have completed Radiographic Technique III & Sectional anatomy limited to students who have completed Clinical Education IV.

Annually, all students must have a complete medical examination, and receive medical clearance prior to receiving clinical assignment. It is recommended that students complete the Liberal Arts and Humanities component prior to the beginning of the radiologic technology curriculum.

## Prerequisites required:

- Anatomy and Physiology I **BIOL 121**
- Anatomy and Physiology II **BIOL 123**
- Writing and Research **ENG 101**
- College Algebra with Trigonometry **MATH 135**

Also, students are encouraged to have completed the following courses before applying:

- General Psychology **PSYCH 101**
- Writing and Literature **ENG 102**
- **Electives:** If students need to fulfill Financial Aid requirements and/or Students are looking for subjects that can be helpful to prepare for the courses in the Radiologic Technology program, students should consider taking: Medical Terminology, General Physics, Speech Communications and Spanish.

**STUDENTS MUST HAVE A 2.7 OR HIGHER**

**APPLICATIONS ARE DUE BY MARCH 15, 25/27 STUDENTS ARE ACCEPTED**

**STUDENTS CAN PICK UP THE APPLICATIONS FROM DECEMBER TO MARCH.**

**PREFERENCE WILL BE GIVEN TO STUDENTS WHO HAVE COMPLETED AT LEAST 12 CREDITS AT WCC.**

**TRANSFER STUDENTS WILL BE CONSIDERED AFTER.**

## About the Radiologic Technology Program

- All clinical education take place at Westchester hospitals.  
Clinical education occurs twice a week for the first year (first and second semesters) / 3 days of classes. During the second year Clinical education is 3 times a week (third and fourth semesters) / 2 days of classes. Clinical are from 8:00 a.m. to 4:00 p.m.
- Summer clinical run annually from mid-May to the end of July, 5 days a week.
- If a student needs to withdraw from the program for any reason, he/she will have the opportunity to reapply one time.
- If a student fails a course within a semester, he/she is allowed to repeat the course the next time it is offered. The program must be completed within three years of the acceptance date.

## Colleges That Offer Advance Degrees in Health Sciences:

Concordia College

Mercy College

Manhattan College

NY Technical College

SUNY Upstate in Syracuse, NY

## General Information about the career

- **Students must have a social security number or Federal Tax ID number to apply for a State license. At the completion of the program all students have the opportunity to sit for the ARRT Certification exam to seek employment.**

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Academic Plan		Completed credits of 70 required			
		Fall/Spring		Fall/Spring	
<u>Class</u>	<u>Credits</u>	<u>Class</u>	<u>Credits</u>	<u>Class</u>	<u>Credits</u>
		<b>RAD 101</b> – Radiographic Technique 1 (and Lab)	4☐	<b>RAD 105</b> – Radiographic Technique 2 (and Lab)	4☐
		<b>RAD 103</b> – Radiographic Positioning 1 (and Lab)	4☐	<b>RAD 107</b> – Radiographic Positioning 2 (and Lab)	4☐
		<b>RAD 112</b> – Radiologic Terms, Ethics & Law	2☐	<b>RAD 142</b> – Clinical Education 2	1☐
		<b>RAD 114</b> – Radiologic Science Patient Care	2☐		
		<b>RAD 116</b> – Intro to Radiation Protection	1☐		
		<b>RAD 141</b> – Clinical Education 1	1☐		
				<b>RAD 143</b> – Clinical Education 3 - 2☐	
				<b>SUMMER</b>	
Fall/Spring		Fall/Spring		Summer	
<u>Class</u>	<u>Credits</u>	<u>Class</u>	<u>Credits</u>	<u>Class</u>	<u>Credits</u>
<b>RAD 200</b> – Radiographic Technique 3	3☐	<b>RAD 202</b> – Advanced Imaging	2☐	<b>RAD 243</b> – Clinical Education 6	2☐
<b>RAD 203</b> – Radiographic Positioning 3	4☐	<b>RAD 207</b> – Special Radiographic Imaging	4☐		
<b>RAD 221</b> – Radiographic Pathology	1☐	<b>RAD 242</b> – Clinical Education 5	1☐		
<b>RAD 241</b> – Clinical Education 4	2☐	<b>RAD 223</b> – Sectional Anatomy	3☐		
		<b>RAD 224</b> – Radiation Protection & Biology	3☐		