

# PROGRAM: AAS RADIOLOGIC TECHNOLOGY

Division: Natural and Health Sciences  
SCI-252 (914) 606-6912

75 Credits

## Curriculum Chair

Professor Hildy Oberstein

[Hildy.Oberstein@sunywcc.edu](mailto:Hildy.Oberstein@sunywcc.edu)

HSC-15

Telephone: (914) 606-7828

Reviewed By: \_\_\_\_\_

Date: \_\_\_\_\_

Approved By Chairperson/Dean: \_\_\_\_\_

### Priority given to candidates who have completed the following:

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| <ul style="list-style-type: none"> <li>Written English – as evidenced by readiness for Composition &amp; Literature I</li> <li>College level reading-as evidenced by passing the College’s assessment exam or the course Advanced Reading</li> <li>Mathematics-as evidenced by readiness to take College level Algebra</li> <li>Science background which would suggest success in Anatomy &amp; Physiology</li> </ul> | <ul style="list-style-type: none"> <li>Who have completed A &amp; P 1 &amp; 2 with course grade of “C” or better</li> <li>Who have completed Comp &amp; Lit 1 &amp; 2 with a course grade of “C” or better</li> <li>Who have completed College Algebra course grade of “C” or better</li> <li>Who are maintaining a GPA of at least 2.5 or higher</li> </ul> |
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Course #	SEMESTER 1	Credits	✓	HRS
RAD 101	Radiographic Technique 1 & Radiographic Technique 1 Lab	4		45 30
RAD 103	Radiographic Positioning 1 & Radiographic Positioning 1 Lab	4		45 30
RAD 141	Clinical Education	1		180
RAD 112	Radiographic Terms, Ethics & Law	2		30
RAD 114	Radiographic Science Patient Care	2		30
RAD 116	Radiation Protection <sup>2</sup>	1		15
BIOL 121	Anatomy & Physiology 1 & Anatomy & Physiology 1 Lab	4		45 45

Course #	SEMESTER 2	Credits	✓	HRS
RAD 105	Radiographic Technique 2 and Radiographic Technique 2 Lab	4		45 30
RAD 107	Radiographic Positioning 2 and Radiographic Positioning 2 Lab	4		45 30
ENG 101	Composition & Literature 1	3		45
RAD 142	Clinical Education II	1		240
MATH 130	College Algebra(recommended) <sup>1</sup>	3/4		45
	PE (sport)- _____	1		15
BIOL 123	Anatomy & Physiology 2 & Anatomy & Physiology 2 Lab	4		45 45

Course #	SEMESTER 3	Credits	✓	HRS
ENG 102	Composition & Literature 2	3		45
RAD 200	Radiographic Technique 3	3		45
RAD 203	Radiographic Positioning 3 and Radiographic Positioning 3 Lab	4		45 30
RAD 221	Radiographic Pathology	2		30
RAD 241	Clinical Education IV	1		320
PSCYH 101	General Psychology	3		45

Course #	SEMESTER 4	Credits	✓	HRS
RAD 207	Special Radiographic Imaging & Lab	4		45
RAD 242	Clinical Education V	1		240
BIOL 241	Radiation Biology	3		45
BIOL 127	Cross Sectional Anatomy	3		45
PEH 116A	Community 1st Aid-CPR	1		15
	Social Science or Humanities- _____	3		45
RAD 202	Advanced Radiographic Imaging	2		30

<sup>1</sup> The following courses may be taken to satisfy the math requirement for Radiologic Technology: MATH 135-College Algebra with trig., MATH 140-Statistics, MATH 161-Precalculus, or MATH 181-Calculus.

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

***Bold italic items are Core Requirements.***

**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**

**NOTES:**

Students must pass all Radiologic Technology courses including Anatomy & Physiology 1 & 2, Radiation Biology, College Algebra and Cross Sectional Anatomy with a minimum grade of "C" in order to continue in the program. Radiation Biology is limited to students who have completed Radiographic Technique III & Cross 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. Anatomy & Physiology 1 & 2 must be completed by the end of Semester 2.

- **Humanities-** Courses may be selected from Art, Dance, Drama, Music, Film, Foreign Language, Philosophy or Theater & photography courses at ARTWS.
- **Social Science-** Courses include History, Political Science, Economics and Geography.