

AAS: Radiologic Technology

Curriculum Chair: Professor Hildy Oberstein

Location: HSC-15 Telephone: (914) 606-7828

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ADVISOR NAME:

Priority given to candidates who have completed the following:

<ul style="list-style-type: none"> Written English – as evidenced by readiness for ENG 101 Writing and Research College level reading-as evidenced by passing the College's assessment exam or the course Advanced Reading Mathematics-as evidenced by readiness to take College level Algebra Science background which would suggest success in Anatomy & Physiology 	<ul style="list-style-type: none"> Who have completed A & P 1 & 2 with course grade of "C" or better Who have completed Comp & Lit 1 & 2 with a course grade of "C" or better Who have completed College Algebra course grade of "C" or better Who are maintaining a GPA of at least 2.5 or higher
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Developmental Courses as required based on placement scores

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

Core Requirements

<input type="checkbox"/>	ENG 101 – Writing and Research Choose an item.
<input type="checkbox"/>	ENG 102 – Writing and Literature Choose an item.
<input type="checkbox"/>	MATH¹ : One course (3/4 credits)
3 <input type="checkbox"/> / 4 <input type="checkbox"/>	
<input type="checkbox"/>	BIOL 121 – Anatomy and Physiology 1 Choose an item.
<input type="checkbox"/>	BIOL 123 – Anatomy and Physiology 2 Choose an item.
<input type="checkbox"/>	PSYCH 101 – General Psychology Choose an item.
<input type="checkbox"/>	HUMANITIES: One course (3 credits). Courses include: <ul style="list-style-type: none"> Art (ART) 101, 103, 105, 108, 108A, 108B, 109, 109A, 125, 128, 129, 133, 139, 185, or 265. Additional fees and/or supplies may be required of ART classes; see catalog for details. Communications (COMM) 101, 103, 109, or 115 Dance (DANCE) 101, 102, 105, 107, 121, 205, or 207 OR A combination of three 1 credit dance classes to be chosen from DANCE 112, 115, 120, or 122 English (ENG) any ENG course EXCEPT ENG 101, 101H, 102, 102H, 124, or 222 CANNOT BE USED TO FULFILL Humanities elective.

¹ **MATH 130**-College Algebra Functions and Model is recommend. 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.

	<ul style="list-style-type: none"> Film (FILM) 100, 101, 102, 103, 109, 113, 114H, 115H, 125, 125H, 220, 220H Foreign Language to be chosen from: ARABC, CHINS, FREN, GER, ITAL, JAPNS, RUSSN, SPAN. ITAL 104 or ITAL 105 CANNOT BE USED TO FULFILL a Foreign Language elective, but CAN BE USED TO FULFILL a Humanities elective. Music (MUSIC) 100, 101, 102, 103, 111, 150, or 211 Philosophy (PHIL) 101A, 102A, 111, 150, 160, or 201H Theater (THEAT) 101, 103, 111, 113, or 201 <p>THEAT 117A is a 2 credit course which must be combined with another 1 credit approved Humanities elective. OR</p> <p>SOCIAL SCIENCE:</p> <p>Courses include: History (HIS), Political Science (POLSC), Economics (ECON), and Geography (GEOG). <i>However SS 105 and SS 102 CANNOT BE USED TO FULFILL Social Science.</i></p>		
3□ / 4□			
□	PEC/PEH/PES: A combination of two courses (2 credits) PEH 116A – CPR and PEC or PES .		
1	PEH 116A – CPR Choose an item.	1	

Degree Requirements

□	RAD 101 – Radiographic Technique 1 (and Lab): 75 hours
□	RAD 105 – Radiographic Technique 2 (and Lab): 75 hours
□	RAD 200 – Radiographic Technique 3: 45 hours
□	RAD 202 – Advanced Radiographic Imaging: 30 hours
□	RAD 103 – Radiographic Positioning 1 (and Lab): 75 hours
□	RAD 107 – Radiographic Positioning 2 (and Lab): 75 hours
□	RAD 203 – Radiographic Positioning 3 (and Lab): 75 hours
□	RAD 116² – Radiation Protection: 15 hours
□	RAD 141 – Clinical Education 1: 180 hours
□	RAD 142 – Clinical Education 2: 240 hours
□	RAD 143 – Clinical Education 3: 420 hours
□	RAD 241 – Clinical Education 4: 320 hours
□	RAD 242 – Clinical Education 5: 240 hours
□	RAD 243 – Clinical Education 6: 380 hours
□	RAD 207 – Special Radiographic Imaging & Lab: 45 hours
□	BIOL 127 – Cross Sectional Anatomy: 45 hours
□	RAD 112 – Radiologic Terms, Ethics & Law: 30 hours
□	RAD 114 – Radiologic Science Patient Care: 30 hours
□	RAD 221 – Radiographic Pathology: 30 hours
□	BIOL 241 – Radiation Biology: 45 hours

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

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

Students must pass all Radiologic Technology courses including Anatomy & Physiology 1 & 2, Radiation Biology, College Algebra and Cross Sectional Anatomy with a minimum grad 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.

Preference will be given to applicants who have completed the following courses:

- Anatomy and Physiology I **BIOL 121**
- Anatomy and Physiology II **BIOL 123**
- Writing and Research **ENG 101**
- Writing and Literature **ENG 102**
- College Algebra or higher **MATH 130, MATH 135, MATH 140 ...**

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

- General Psychology **PSYCH 101**
- One Humanity Course or Social Science Course
- **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 2.5 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 24 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:

Mercy College

Manhattan 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.