



Radiologic Technology AAS

Information and Application Packet 2023-2024

Program Description

The Radiologic Technology program provides the knowledge that will enable students to enter the workforce as entry-level technologists. The didactic and clinical learning experiences require *approximately 40 hours of participation per week in the second year of the program.*

Educational facilities located within Schoolcraft College include state of art classroom and clinical training resources designed to promote an exceptional educational experience.

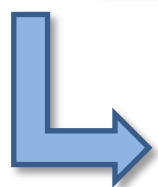
Successful completion of the program requirements qualifies the student to take the national credential examination offered by the American Registry of Radiologic Technologists, A.R.R.T. Satisfactory achievement of this examination qualifies the graduate to practice as a Registered Radiologic Technologist, R.T. (R).

Application Requirements

The Radiologic Technology Program requires students to complete a specific list of requirements before being officially admitted into the program. Students are listed in a pre-program code while the application requirements are being met. The full program start date and implementation of program code may be dependent on space availability. Requirements are listed in the application (attached to the end of this packet). To be admitted to the program you must complete the following:

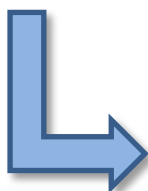
Preparing to apply to the Radiologic Technology Program

1. Apply to Schoolcraft College
2. Send official transcripts
3. Meet with Academic Advisor
4. Complete: ENG 055+, COLLS 053+
5. Complete: HIT 100 - Intro to Medical Terminology (2.0+)
6. Complete: RAD 100 - Intro to Radiologic Sciences (3.0+)
7. Complete: MATH 102 or 113+ (3.0+)
8. Complete: BIOL 236 - Human A& P (3.0+) or BIOL 237 and 238 (3.0+)
9. Complete: PHYS 123 - Applied Physics (3.0+)
10. Complete: RAD 105- Radiation Safety (3.0+)
Permit required to register for RAD 105. Permit requires the completion of the following prerequisite courses from above:
RAD 100, MATH, BIOL, and PHYS (Physics may be a co-requisite)
11. Achieve minimum scores on TEAS entrance exam taken at Schoolcraft College



Applying to Radiologic Technology

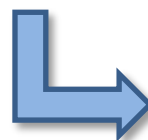
Complete Radiologic Technology application with Academic Advisor



Accepted to Radiologic Technology and prior to starting the program:

Acceptance letters will be sent out to all accepted students.

All accepted students will start Radiologic Technology coursework in the Spring term.



Begin Radiologic Technology program

Preparing to Apply to Radiologic Technology Program

1. Apply to Schoolcraft College	Apply to Schoolcraft College on-line at www.schoolcraft.edu
2. Transcripts	It is recommended you request official undergraduate transcripts from all colleges and universities previously attended. Transcripts must be sent directly from the issuing college or university to Schoolcraft College Records Office. To confirm that transcripts have been received, contact the Answer Center & Help Line at 734-462-4426.
3. Advising	<p>The Radiologic Technology program requires minimum assessment levels of course work in the areas of math, reading, and writing. Students should meet with an academic advisor to develop an academic plan. Students with prior college level work or a degree may be exempt from general college placement testing. Students who have submitted ACT or SAT scores that are less than three years old to the Admissions Office may also be exempt from assessment testing. Contact the Academic Advising Center at 734-462-4429 to make an appointment to discuss an academic plan and preparation for the TEAS (Radiologic Technology entrance) exam.</p> <p>Radiologic Technology students should possess and maintain the following to be able to adequately communicate, make decisions, manipulate equipment, perform procedures, and provide indirect or direct quality care for clients in a variety of healthcare settings:</p> <ol style="list-style-type: none"> 1. Sufficient intellectual, psychological, and emotional capabilities 2. Sufficient capacity to concentrate for sustained periods of time 3. Sufficient communication skills 4. Sufficient visual acuity 5. Sufficient auditory perception 6. Sufficient gross and fine motor coordination 7. Sufficient physical abilities and strength required to push, pull, transfer or move objects up to approximately 35 pounds utilizing safe patient handling techniques 8. Sufficient physical stamina to remain standing for long periods of time <p>Students potentially needing accommodations may review further information at http://www.schoolcraft.edu/dss/disability-support-services. Students may also schedule an appointment with Disability Support Services at 734-462-4330 regarding options to ensure equal access to programs and activities.</p>
4. College Prerequisites required for program entry	<p>Complete:</p> <ol style="list-style-type: none"> 1. ENG 055+, COLLS 053+ 2. HIT 100 – Intro to Medical Terminology (2.0+) 3. RAD 100 - Intro to Radiologic Sciences (3.0+) 4. RAD 105 – Radiation Safety (3.0+) 5. MATH 102 or 113+ (3.0+) 6. BIOL 236 - Human A & P (3.0+) or BIOL 237 and 238 (3.0+) 7. PHYS 123 - Applied Physics (3.0+) 8. Overall GPA 2.5+

Preparing to Apply to the Radiologic Technology Program - Continued

5. Admission Exam	<p>The ATI TEAS Exam (Test of Essential Academic Skills) is a multiple-choice exam that must be taken using the online version. The TEAS Exam includes:</p> <ul style="list-style-type: none"> ○ 31% Reading: Key Ideas & Details (15%), Craft & Structure (9%), Integration of Knowledge & Ideas (7%) ○ 16% English and Language: Convention of Standard English (6%), Knowledge of Language (6%), Vocabulary Acquisition (4%) ○ 31% Science: Human Anatomy & Physiology (21%), Life & Physical Science (5%), Scientific Reasoning (5%) ○ 22% Mathematics: Number & Algebra (16%), Measurement & Data (6%) ○ Minimum TEAS Exam scores required are: Composite: 60% (Adjusted Individual Total Score), 68% Reading, 60% English, 60% Math, 50% Science. <p>Achieve the required minimum scores on the <u>ONLINE</u> TEAS Exam (Test of Essential Academic Skills) within two attempts. Students may take the TEAS exam a maximum of 2 times within a 12-month period. The highest score for each section of the two attempts will be accepted. Ex: Students may not take a third attempt until the first test date attempt expires. The maximum number of attempts on the TEAS exam is four (4) attempts overall. Students must complete all sections of the TEAS Exam with maximum effort on each attempt for scores to be accepted and composite score must still be 60% or higher.</p> <p>TEAS online exam scores are not accepted from other institutions. All TEAS testing will need to be taken in person at the Schoolcraft College Testing Center.</p> <p>Students who may need academic testing accommodations should meet with the Disability Support Services Office (734-462-4330) <u>prior</u> to taking the TEAS exam to determine potential accommodations.</p> <p>The Schoolcraft College Personal and Professional Learning Department has a preparation course available to assist with test success http://www.schoolcraft.edu/PPL and the ATI website also has study materials and practice exams available. The Schoolcraft College Learning Support Services department also provides free personalized TEAS prep plans for success through one-on-one and group formats. To inquire about support for the TEAS, please contact teasprep@schoolcraft.edu (734-462-7359).</p> <p>TEAS Exam attempts at Schoolcraft College must be scheduled in advance. Fees paid are non-refundable and non-transferrable. Students needing to change testing dates will need to pay the full fee. Obtain more information regarding the TEAS exam: https://www.schoolcraft.edu/testingcenter/teas</p>
6. Cumulative GPA	<p>Attain a 2.5/C+ or better <i>cumulative</i> grade point average for all RAD program supportive and prerequisite courses.</p>
7. Volunteer Hours	<p>Complete 20 volunteer hours. Must be in a hospital or nursing home. (see last page for hours verification document) Must be verified by program director.</p>
8. Informational Session	<p>Attend Radiologic Technology Program information session. Sessions will be held in Fall and Winter semesters.</p>
9. RAD 105 Radiation Safety Permit	<p>Meet with an academic advisor to complete permit for RAD 105 Radiation Safety</p>

Applying to Radiologic Technology

10. Apply to Radiologic Technology	<p>The Radiologic Technology Program application is attached to the end of this packet (Attachment A).</p> <p>Complete the student portion of the application and meet with an academic advisor for academic planning and to sign off on the application. The academic advisor will submit the application packet to the Admissions and Welcome Center.</p> <p>Applications are reviewed on a continual basis and students will receive an acceptance letter via email from the program officials, which states the year, and cohort the student will be able to start the RAD program. Students who do not respond to correspondence by deadlines will be cancelled by the Medical Imaging Department.</p> <p>All required prerequisites must be completed (with final course grade on transcript) prior to submitting application.</p>
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11. Hepatitis B Vaccine	Students, who do not have the Hepatitis B vaccine three shot series already completed, should begin the series while waiting to start the Radiologic Technology program.
12. CPR Course for Healthcare Professionals	Students should wait to complete an American Heart Association Basic Life Support course for Professional Healthcare Providers until approximately 2 months prior to clinical rotations in the RAD program. Students need to complete a course that includes an in-person demonstration of the performance skills (adult, child, infant and AED use). 100% online courses are not accepted.
13. Other Radiologic Technology Program Requirements	Students will be emailed additional information about Orientation sessions and other health/clinical/program requirements approximately two months prior to student's program start date. Correspondence will only be sent to Schoolcraft College email.

Acceptance to Radiologic Technology and prior to starting the Program

- The order of acceptance of qualified applicants will be based on the date the College receives a **valid** application. An application is **valid** only if **all** the requirements listed in this document have been met.
- Any incomplete applications received from a student will be returned. Applications may be resubmitted when all the requirements have been met.
- In the event more than one qualified student applies on the same day, the applications will be ordered based on highest cumulative grade point average in the prerequisite/supportive courses.
- Accepted students will be emailed an information packet from the Medical Imaging department to Schoolcraft College email only. Information will be emailed approximately two months prior to the start semester. Students are responsible for maintaining current contact information for all college communications. Students should get their college email forwarded to their primary email so as not to miss any communications.
- Students may defer their admission only one time, otherwise, the student will need to reapply and meet the application requirements at that time.
- Students who do not meet Medical Imaging deadlines or have been accepted to the program and then are "no call, no show" to start the program, will be cancelled and not eligible to reapply to the program in the future.
(Requirements subject to change. Students will be sent emails with requirements to Schoolcraft College emails only.)
- After one week of Spring semester start date for Spring start cohorts, preference will be given for students to be pulled up to spots vacated, with students who have completed the RAD 100 Introduction to Radiologic Sciences OR are currently enrolled in this course and have current passing status.
- Participate in a mandatory RAD Student informational session to discuss educational goals, learning techniques/strategies, and recommendations for success in the program by Medical Imaging deadline dates.
- Mandatory volunteer hours-must provide documentation of hours signed by the supervisor

REQUIREMENTS PRIOR TO RAD PROGRAM CLINICAL ROTATIONS

- Complete all health/clinical placement requirements and provide documentation including a health questionnaire/physical exam (dated within the last 12 months from the fall start of the Radiologic Technology program), TB testing, immunization records including Measles, Mumps, Rubella (MMR), Tetanus, diphtheria, Pertussis (Tdap), Varicella (chicken pox), Hepatitis B, flu vaccine (in season), COVID vaccine, a negative urine drug screen on first attempt (marijuana use is still prohibited), and pass a criminal background check by the Medical Imaging Department.
- Drug screens may need to be repeated throughout the program as required by clinical agencies. Students will also need to meet any other future health/clinical/agency requirements as specified by the agencies.
- An authorization to register is only issued by the Medical Imaging Department upon completion of the specified requirements

Begin Radiologic Technology

SAMPLE SCHEDULE OF COURSES

*Admission Prerequisites and Supportive Courses**

First Year-Fall Semester

Course #	Course Title	Credits
HIT 100*	Introduction to Medical Terminology	2
RAD 100*	Introduction to Radiologic Sciences	2
Mathematics*	Select one	4
MATH 102	Technical Mathematics	
MATH 113 or a higher mathematics course	Intermediate Algebra for College Students	
BIOL 236*	Human Anatomy and Physiology	5
	Total Credits: 13	

First Year – Winter Semester

Course #	Course Title	Credits
RAD 105*	Radiation Safety	2
COMA 103	Fundamentals of Speech	3
PHYS 123*	Applied Physics	5
Social Science	Select One	3-4
ANTH 112	Introduction to Anthropology	
GEOG 133	World Regional Geography	
PSYCH 201	Introductory Psychology	
SOC 201	Principles of Sociology	
SOC 205	Social Problems	
SOC 209	Marriage and Family	
SOC 210	Cultural Diversity	
SOC 220	Urban Sociology	
	Total Credits: 13-14	

First Year—Spring/Summer Session

Course #	Course Title	Credits
RAD 110**	Patient Care and Assessment	3
RAD 115**	Digital Imaging and Acquisition	2
RAD 200**	Radiation Physics and Radiobiology	3
English	Select One	3
ENG 101	English Composition 1	
ENG 102	English Composition 2	
	Total Credits: 11	

Second Year – Fall Semester

Course #	Course Title	Credits
RAD 210**	Radiology Procedures 1	6
RAD 215**	Radiology Clinical Education 1	6
	Total Credits: 12	

Second Year – Winter Semester

Course #	Course Title	Credits
RAD 230**	Radiology Procedures 2	6
RAD 235**	Radiology Clinical Education 2	6
	Total Credits: 12	

Second Year –Spring Semester

Course #	Course Title	Credits
RAD 240**	Advanced Imaging	2
RAD 250**	Radiologic Technology Capstone	1
PHIL 257	Bioethics	3
	Total Credits: 6	

Radiologic Technology PROGRAM TOTAL = 67-70 CREDITS

Students, who are unsuccessful with any RAD course, may not continue in the Radiologic Technology program.

♦*Students should work with an advisor if more credits are needed per semester to qualify for financial aid.*

+*Please check Schoolcraft General Education requirements to determine course options.*

PLEASE NOTE: The Radiologic Technology program and application requirements are subject to change based on JRCERT/ASRT regulations, curricular changes, Institutional policy, and program needs. Students are responsible for checking for any admission updates.

Open/Supporting Courses

Admission to the Radiologic Technology Program is not necessary to register for the courses listed below. The following courses are open to all Schoolcraft students who have met the course prerequisite(s) (see the College Catalog).

RAD 100	Introduction to Radiologic Sciences
RAD 105	Radiation Safety

Estimate of Tuition and Fees

Radiologic Technology AAS Program (68 credit hours)			
	<u>Resident</u>	<u>Non-Resident</u>	<u>Out of State</u>
Tuition	\$9,180.00	\$13,192.00	\$18,224.00
Registration Fees:	\$264.00	\$264.00	\$264.00
Service Fees:	\$612.00	\$612.00	\$612.00
Instructional Equipment Fees:	\$748.00	\$748.00	\$748.00
Infrastructure Fees:	\$612.00	\$612.00	\$612.00
Course and Learning Management Fees:	\$2,330.00	\$2,330.00	\$2,330.00
Additional Expenses (Approximate):	\$375.00	\$375.00	\$375.00
Hepatitis B Vaccine (\$150.00) Application Fee for Certification Exam (\$225.00 optional)			
TOTAL	\$14,121.00	\$18,133.00	\$23,165.00
The above figures are based on 2023-2024 rates and are subject to change. A Resident student is one whose legal residence is in the school District of Clarenceville, Garden City, Livonia, Northville, Plymouth-Canton or parts of Novi. All other students are Non-Residents or Out of State. Estimate of textbooks not included.			

Note

Requirements for admission to the Radiologic Technology AAS are subject to change at any time. Please contact the Admissions and Welcome Center for updates of any applicable changes:

Phone: (734) 462-4683

Fax: (734) 462-4552

E-mail: admissions@schoolcraft.edu

Web: www.schoolcraft.edu

It is the policy of Schoolcraft College that no person shall, on the basis of race, color, national origin, gender, age, marital status, creed, or handicap, be excluded from participating in, be denied benefits of, or be subject to discrimination during any program or activity or in employment.

RAD 105 Radiation Safety– Permit Request

Eligibility for RAD 105 *Radiation Safety* registration requires issuance of an electronic permit by the Health Professions Office. Permits will be given on a first come-first-serve basis, as there are limited seats in the course. To begin the permit request process, contact Academic Advising at 734-462-4429 (option 4) or eadvise@schoolcraft.edu.

Section I: To be completed by student

Demographic information on this application **must** match the information in the registration center Schoolcraft College.

Name _____
Last Name First Middle Former (if applicable)

Address _____
Number Street Apt. City State Zip + 4 Digit Code

Cell Phone () _____ **Home Phone** () _____

Schoolcraft Email _____ **Personal Email** _____

Birth Date _____
Month /Day /Year

SC Student ID # _____ **Social Security Number** (last 4 digits): _____

Section II: To be completed with Academic Advisor

RAD 100 Complete Introduction to Radiologic Sciences with a grade of 3.0/B or higher.

☐ has successfully completed RAD 100 (3.0/B or higher)

MATH 102, MATH 113, MATH higher than MATH 113, or equivalent. Complete Technical Mathematics or Intermediate Algebra for College Students with a grade of 3.0/B or higher. NOTE: must meet MATH prerequisite requirement for PHYS 123. MATH 111 is not an acceptable mathematics course in this program.

☐ has successfully completed

MATH 102/113 (3.0/B or higher) or ⇒

☐ has successfully completed _____

at _____ with a grade of _____

BIOL 236 or equivalent. Complete Human Anatomy and Physiology with a grade of 3.0/B or higher. Biology 237 and 238 or the equivalent to these courses will meet this requirement with a grade of 3.0/B or higher.

☐ has successfully completed

BIOL 236 (3.0/B or higher) or ⇒

☐ has successfully completed _____

at _____ with a grade of _____

☐ has successfully completed

BIOL 237 and 238 (3.0/B or higher) or ⇒

Student has completed Physics 123 Applied Physics or equivalent with a grade of 3.0/B or higher, or is registered for RAD 105 co-requisite course, Physics 123 Applied Physics, or equivalent.

☐ has successfully completed

PHYS 123 (3.0/B or higher) or ⇒

☐ has successfully completed _____

at _____ with a grade of _____

☐ Or will complete PHYS 123 or equivalent prior to
applying to Radiologic Technology Program

CUMULATIVE COLLEGE GPA Attain a 2.5 or higher cumulative grade point average at Schoolcraft College.

☐ has a cumulative GPA of 2.5 or higher.

Section III: Obtain RAD 105 Permit - To be completed by Administrative Assistant

✍ Academic Advisor Signature: _____ Date: _____

✍ Signature of Applicant: _____ Date: _____

Return to:
Health Professions Office room HS510
healthprofessions@schoolcraft.edu
734-462-4770

DATE RECEIVED: _____



The Radiologic Technology Program requires a Restricted Enrollment Program Change form. To begin this program, you must complete the following with an academic advisor.

This application is required for the Radiologic Technology Program. Review and meet **all** requirements on this application. (Program requirements are subject to change).

- 1) Completion of **all** sections of this application with signatures from an Academic Advisor. The Academic Advisor will submit the application to the Program Director.
- 2) Applications are accepted on a continuous basis. In the event several applications are received on the same date and time, the student with the highest GPA for the prerequisite courses will be admitted first.
- 3) Applications from a non-qualified student are returned and may be resubmitted after the admission requirements are complete.

Section I: To be completed by student

Demographic information on this application **must** match the information in the registration center Schoolcraft College.

Name _____
Last Name First Middle Former (if applicable)

Address _____
Number Street Apt. City State Zip + 4 Digit Code

Cell Phone () _____ **Home Phone** () _____

Schoolcraft Email _____ **Personal Email** _____

Birth Date _____
Month /Day /Year

SC Student ID # _____

Social Security Number (last 4 digits): _____

It is the policy of Schoolcraft College that no person shall, on the basis of race, color, national origin, gender, age, marital status, creed, or handicap, be excluded from participating in, be denied of the benefits of, or be subjected to discrimination during any program or activity or in employment.

THE ITEMS IN SECTION II ARE REQUIRED. MEET WITH AN ACADEMIC ADVISOR TO OBTAIN APPROPRIATE INITIALS/SIGNATURES.

The Radiologic Technology Program requires a Restricted Enrollment Program Change form. To begin this program, you must complete the following with an academic advisor.

Section II: To be completed with Academic Advisor

HIT 100 or equivalent. Complete Introduction to Medical Terminology with a grade of 2.0/C or higher. HIT 104 with a grade of 2.0/C or higher will meet this requirement.

☐ has successfully completed HIT 100 (2.0/C or higher) or \Rightarrow ☐ has successfully completed _____ at _____ with a grade of _____

RAD 100 Complete Introduction Radiologic Sciences with a grade of 3.0/B or higher.

RAD 100 (3.0/B or higher)
☐ has successfully completed

RAD 105 Radiation Safety with a grade of 3.0/B or higher.

RAD 105 (3.0/B or higher)
☐ has successfully completed

MATH 102, MATH 113, MATH higher than MATH 113, or equivalent. Complete Technical Mathematics or Intermediate Algebra for College Students with a grade of 3.0/B or higher. NOTE: must meet MATH prerequisite requirement for PHYS 123. MATH 111 is not an acceptable mathematics course in this program.

☐ has successfully completed MATH 102/113 (3.0/B or higher) or \Rightarrow ☐ has successfully completed _____ at _____ with a grade of _____

BIOL 236 or equivalent. Complete Human Anatomy and Physiology with a grade of 3.0/B or higher. Biology 237 and 238 or the equivalent to these courses will meet this requirement with a grade of 3.0/B or higher.

☐ has successfully completed
BIOL 236 (3.0/B or higher) or ⇒

☐ has successfully completed _____
at _____ with a grade of _____

☐ has successfully completed
BIOL 237 and 238 (3.0/B or higher) or ⇒

PHYS 123 or equivalent. Complete Applied Physics with a grade of 3.0/B or higher.

☐ has successfully completed
PHYS 123 (3.0/B or higher) or ⇒

☐ has successfully completed _____
at _____ with a grade of _____

CUMULATIVE COLLEGE GPA Attain a 2.5 or higher cumulative grade point average at Schoolcraft College.

☐ has a cumulative GPA of 2.5 or higher.

RAD ADMISSIONS TEAS EXAM Achieve the required minimum scores on the online TEAS exam (Test of Essential Academic Skills) within two attempts per 12 months. Highest scores in each section on the two attempts will be accepted. Maximum number of overall attempts allowed is four (4) attempts. A third attempt may not be taken until the first attempt expires.

TEAS testing needs to be taken at the Schoolcraft College Testing Center. Scores will NOT be accepted from other institutions.

Students must complete all sections of the TEAS Exam with maximum effort on each attempt plus continue to meet the composite 60% with all attempts.

Minimum TEAS Exam scores required are: Composite: 60% (Adjusted Individual Total Score), 68% Reading, 60% English, 60% Math, 50% Science.

☐ has achieved the minimum scores on the TEAS Online per requirements:

Advisor Initials

Date

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1 st Attempt	Date:	Composite:	Reading:	Math:	Science:	English:
2 nd Attempt	Date:	Composite:	Reading:	Math:	Science:	English:

Section III: Application to be signed by student and Academic Advisor

Academic Advisor Signature: _____ **Date:** _____

Student Signature: _____ **Date:** _____

SUBMIT THIS RAD APPLICATION (with Advisor's initials and signature in all designated areas) to an Academic Advisor. The Academic Advisor will submit the application to the office of Health Professions and the Program Director of the Radiologic Technology program. Students will receive notification from the Program Director regarding acceptance and start date.

Return to:
 Schoolcraft College
 Office of Health Professions
healthprofessions@schoolcraft.edu
 734-462-4770

To be verified by RAD Program Director

Contact Jufauri Ely at jely@schoolcraft.edu

Mandatory volunteer/work experience in a hospital/nursing home. Complete a minimum of 20 hours and must provide documentation of hours signed by Supervisor.

Mandatory Attendance at a RADIOLOGIC TECHNOLOGY information session.

MANDATORY Volunteer/work experience in a hospital/nursing home. Complete a minimum of 20 hours and must provide documentation of hours signed by Supervisor.

Program Director Initials:

Date:

☐ has completed documented volunteer hours .

MANDATORY Attendance at a Radiologic Technology information session

Program Director Initials:

Date:

☐ has completed an information session .

Documented Volunteer Hours – Schoolcraft RAD Program

Date	Hours Worked

Location of volunteer hours _____

Student name _____

Supervisor Signature _____ Date _____