

Student Handbook



University of Iowa; Carver College of Medicine
Nuclear Medicine Technology Education
Program

2026 – 2027 Academic Year

Preface:

This document is available electronically on the ICON site Rad Sci NMT Program Resource Center.

Students in the Nuclear Medicine Technology Education Program are responsible for knowing and adhering to the policies and procedures contained in this handbook. Students must comply with these policies, as well as with the Policies and Procedures Manual for students in the Bachelor of Science in Radiation Sciences and Bachelor of Science in Nuclear Medicine, and the University of Iowa student policies [[Policies | Dean of Students - The University of Iowa \(uiowa.edu\)](#)]. Program faculty will consult these resources to ensure consistent and fair enforcement of the policies and procedures contained. If the student believes a policy has been enforced unfairly, the student should consult the grievance policy in the Policies and Procedures Manual for students in the Bachelor of Science in Radiation Sciences and Bachelor of Science in Nuclear Medicine for guidance.

Policies and procedures in this manual are subject to change. Students will be notified in writing about any policy changes and/or updates.

Note:

Except where otherwise noted, “Degree” will refer to the Bachelor of Science in Nuclear Medicine Technology degree program, “Program” will refer to the Nuclear Medicine Technology Education Program, “Faculty” will refer to the Program Director, Radiation Sciences Educators, Clinical Coordinator and designated adjunct instructors, and “Administrative Director of Radiation Sciences” will refer to the Administrative Director of Baccalaureate degrees in Radiation Sciences

Contents

Program Administrative Information	5
Organization of Nuclear Medicine Technology Program	5
Medical Director, Nuclear Medicine Technology Education Program	5
Program Description	7
Mission Statement, Goals & Learning Outcomes	9
Mission Statement	9
Goals & Learning Outcomes	9
Academic Calendar	12
Accreditation and Board Examination Information	13
ARRT Examination Requirements	14
NMTCB Examination Requirements	15
Advising and Counseling	16
Attestations	17
Clinical Attendance	18
Clinical Competency	19
Procedure to Obtain Clinical Competency	20
Simulated Clinical Competency	21
MCU General Nuclear Medicine Student Policy	23
Clinical Rotation Float Policy	25
Clinical Schedule and Obligations	26
Compensated Clinical Absence Time	27
Curriculum	28
Dosimeter Procedure	30
Lost, Late, or Missing Dosimeters	32
Dress Code for NMT Clinical Education	33
Electronic Communication	34
Program Handbook Awareness Attestation	35
Radiation Safety Guidelines	36

Student Counseling Session	38
Student Supervision	39
Judicial Procedure for Disregard of Student Supervision Policies	40
Student Volunteer Opportunities	41
Technical Standards.....	42
Zoom Attendance & Professionalism Policy.....	44
Appendix A: Current Clinical Sites.....	46
Appendix B: Advisory Committee	47
Appendix C: UI Carver College of Medicine, Department of Radiology, & Radiation Sciences Leadership	48
Appendix D: JRCNMT Standards	49

Program Administrative Information

Organization of Nuclear Medicine Technology Program

Medical Director, Nuclear Medicine Technology Education Program

Dr. Yusuf Menda,

Administrative Director of Radiation Sciences

Holly Bonfig-Becker, EdD, MA, RT(R)(M)

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Director, Nuclear Medicine Technology Education

Jay Smith, MA, BSRS, CNMT, RT(R)(N)

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Clinical Coordinator, Nuclear Medicine Technology Education

Kelli Schlarbaum, MBA, BS, CNMT (PET)(CT), RT(N)

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Nuclear Medicine Technology Adjunct Educator

Stephen Graves, PhD

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Administrative Services Coordinator

Micki Barnes

micki-barnes@uiowa.edu

Organization and Sponsorship

The University of Iowa sponsors the Nuclear Medicine Baccalaureate Degree. The program is within the organizational structure of the University of Iowa Health Care, Carver College of Medicine, Department of Radiology. Dr. Bruno A. Policeni, MD is the Chair of the Department of Radiology. Kyle Minehart is the interim Clinical Department Administrator.

Dr. Yusuf Menda is the Medical Advisor to the program.

The program accepts up to 9 students per year.

The Nuclear Medicine Technology Education Program has substantial clinical rotations within the University of Iowa Hospitals and Clinics Departments of Radiology, the Heart and Vascular Center, as well as UI Health Care off-campus sites. There are rotations to affiliate clinical sites outside of the University of Iowa Hospitals and Clinics.

Educational experiences include didactic course work, laboratory activities, clinical education, and independent study.

Program Description

The Nuclear Medicine Technology Program is a 21-month, selective, and competitive program. Admission is not guaranteed. Applicants must meet all University of Iowa admission requirements, complete prerequisite coursework, and be formally accepted through the program selection process.

Students typically apply during their second year, with an option for early admission. The application deadline is January 15.

Upon completing the program, graduates are eligible to apply for certification through:

- The American Registry of Radiologic Technologists (ARRT (N))
- The Nuclear Medicine Technology Certification Board (NMTCB)

The program is accredited by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT).

Advisory Committee

Members of the Nuclear Medicine Technology Education Program Advisory Committee include:

Jay Smith, MA, BSRS, CNMT, RT(N)

Director, Nuclear Medicine Technology Education

Kelli Schlarbaum, MBA, BS, CNMT (PET)(CT), RT(N)

Specialized Care Coordinator; Clinical Coordinator, Nuclear Medicine Technology Education

Holly Bonfig-Becker, EdD, MA, RT®(M)

Administrative Director of Radiation Sciences; Director, Diagnostic Radiologic Technology Education

Dr. Yusuf Menda, MD, Professor of Radiology, Professor of Oncology

Division Director-Nuclear Medicine, Medical Director-PET Imaging

Dr. John Sunderland, PhD, MBA

Professor of Radiology

Dan Petersen, BS, CNMT

Technical Director, Nuclear Medicine, General Nuclear Medicine AES at MCUC

Alyssa Tucker, BS, CNMT (PET)

Administrative Lead, PET Imaging; PET AES at MCUC

Jennifer Maiers, MHA, RT(CT)(VI)(QM)

Director, Office of Student Affairs

Jared Stiles, MSL, RT(T)

Director, Radiation Therapy Education

Willim Navis

Medical Imaging Supervisor, AES at VA, Iowa City, IA

Todd Steenblock, CNMT, RT(N)

Director of Radiology, AES at Mercy Medical Center, Cedar Rapids, IA.

Ad hoc members invited as needed based on topics of discussion.

Mission Statement, Goals & Learning Outcomes

Mission Statement

The mission of the Nuclear Medicine Technology (NMT) Program at the University of Iowa's Carver College of Medicine is to provide comprehensive education to prepare competent, entry-level nuclear medicine technologists. The program equips students with the knowledge, clinical skills, professionalism, communication, and critical thinking abilities necessary to deliver safe, accurate, and compassionate patient-centered care across a variety of healthcare settings and patient populations.

This mission is in concert with the Carver College of Medicine's commitment to inspire and educate world-class healthcare providers and scientists for the people of Iowa and our global community.

Goals & Learning Outcomes

Goal 1: Graduate clinically competent nuclear medicine technologists.

- Students will demonstrate proficiency in routine and specialized nuclear medicine imaging procedures safely, accurately, and in accordance with clinical protocols and standards for practice.
- Students will accurately prepare, calculate, verify, administer, and document radiopharmaceuticals and adjunctive medications in compliance with regulatory and institutional standards.
- Students will apply radiation safety principles to protect patients, staff, the public, and themselves in accordance with ALARA principles.

Goal 2: Students will demonstrate effective communication skills.

- Students will demonstrate clear, accurate, and professional written, verbal, and non-verbal communication within the interprofessional healthcare team.
- Students will provide procedure-specific instructions and patient education that support safe, effective, and patient-centered care.

Goal 3: Students will apply critical thinking and problem-solving skills in clinical practice.

- Students will assess patient conditions and procedural variables to adapt imaging procedures and ensure safe, patient-centered care in routine and non-routine situations.
- Students will evaluate image quality and procedural data and apply appropriate technical and procedural adjustments to achieve diagnostic-quality results.

Goal 4: Students will demonstrate professionalism and ethical practice.

- Students will demonstrate ethical behavior and professional conduct consistent with standards of nuclear medicine practice and healthcare regulations.
- Students will demonstrate accountability, integrity, and respect in patient care and professional interactions within the healthcare environment.

Contacts & Communications

Address

Nuclear Medicine Technology Education
University of Iowa Hospitals & Clinics
200 Hawkins Drive 3974 JPP
Iowa City, IA 52242

Absence Line Contact Number

(319) 356-0532

Telephone Numbers – (319) area code

Program Director (NMT)

Jay J Smith 356-2954

Clinical Coordinator (NMT)

Kelli Schlarbaum 356-2920

NMT Educators

Graves, Stephen 678-7986

Student Affairs

Jennifer Maiers 353-9110

Kelley Kirby 384-7273

Program Directors

Hannah Kelly (DMS) 356-4871

Jared Stiles (Radiation Therapy) 356-8286

Holly Bonfig-Becker (RT) 356-4332

Support Staff

Micki Barnes 356-3861

Clinical Locations

UI General NM Front Desk 656-1911

UI PET Front Desk 356-4100

UI PET Control Room 353-8806

UI PET V3 Control Room 356-3958

UI Cardiac 354-9078

UI Cardiac Stress Lab 356-0522

Iowa City VA Med Center 338-0581

UI Downtown NM Front Desk 339-3629

Mercy Medical Center Cedar

Rapids 398-6053

Academic Calendar

2026-2027



Radiation Sciences Academic Calendar | 2026 - 2027

Fall 2026 courses begin August 24th

September 2026						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

October 2026						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

November 2026						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Spring 2027 courses begin January 19th

December 2026						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

January 2027						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

February 2027						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

March 2027						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

April 2027						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

May 2027						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Fall 2027 courses begin August 23rd

June 2027						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

July 2027						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

August 2027						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Program Break (no class or clinic)

Clinic Days Only (no classes)

Accreditation and Board Examination Information

The Nuclear Medicine Technology Program is accredited by the:
Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT)
820 W Danforth Rd, Suite B1
Edmond, OK
Phone: (405) 285-0546
Web: <https://www.jrcnmt.org/>
Email: mail@jrcnmt.org

The Program was awarded the maximum accreditation period of 4 years on October 22, 2021.

We are awaiting the final report for our 2025 Site Visit

- To maintain this accreditation, the Program must strictly follow the Standards for an Accredited Educational Program in Nuclear Medicine (Appendix A), which is published by the JRCNMT, 820 W. Danforth Rd, Suite B1, Edmond, OK, 73003, (405) 285-0546, mail@jrcnmt.org. Students have the right to file a complaint if any of the Standards have been violated by the Program.
1. All allegations about non-compliance with JRCNMT Standards will be handled in the following manner:
 - An allegation is to be submitted in writing to the Program Director within thirty (30) days of the date of non-compliance or when the student knew of the alleged violation. The written allegation shall specify the Standard claimed to have been violated and a brief summation of the underlying facts surrounding the violation.
 - The Program will investigate any allegation within thirty (30) days of the date the complaint was submitted. During each investigation, the Program will consult directly with the Radiation Sciences Degree Administrator. The Program will then forward the written complaint to the Promotions committee within thirty (30) days of completion of investigation.

ARRT Examination Requirements

The purpose of ARRT certification and registration in Nuclear Medicine Technology is to recognize individuals who are qualified to perform the role of a nuclear medicine technologist. To earn ARRT (N) certification and registration as a nuclear medicine technologist requires pursuit of the primary eligibility pathway. This pathway includes completion of the ARRT (N) prescribed components:

1. Education Requirement
2. Ethics Requirement
3. Examination Requirement

Specifics for ARRT (N) credentialing can be found at their site:

- [Home Page ARRT](#)

Specifics for each component can be found:

1. Education Requirements:
 - [Education Requirement - ARRT](#) (N)
2. Ethics Requirements*:
 - [Ethics Requirements - ARRT](#) (N)
3. Examination Requirements:
 - [Examination Requirement - ARRT](#) (N)

*The ARRT requires that certified nuclear medicine technologists and persons applying for certification demonstrate ethics and possess high moral standards. These requirements are governed by the [2023 ARRT Standards of Ethics](#). When applying for certification you must answer [Ethics Questions](#) to identify potential ethics violations. If you have concerns about a potential ethics violation, students may request an [Ethics Review Pre-Application](#).

NMTCB Examination Requirements

The purpose of NMTCB certification and registration in Nuclear Medicine Technology is to recognize individuals who are qualified to perform the role of a nuclear medicine technologist. To earn NMTCB certification and registration as a CNMT – certified nuclear medicine technologist requires pursuit of the primary eligibility pathway. This pathway includes completion of the NMTCB prescribed components:

1. Completion of a NMTCB recognized nuclear medicine technology program
2. Ethics Requirement
3. Examination Requirement

Specifics for NMTCB credentialing can be found at their site:

- [Nuclear Medicine Technology Certification Board | NMTCB](#)

Specifics for each component can be found:

1. Education Requirements:
 - [Didactic Education Definitions - Nuclear Medicine - Exams | NMTCB](#)
2. Ethics Requirements*:
 - [Pre-Application Review Process - Nuclear Medicine - Exams | NMTCB](#)
3. Examination Requirements:
 - [Examination Requirements](#)

* The NMTCB requires that certified nuclear medicine technologists and persons applying for certification demonstrate ethics and possess high moral standards. These requirements are governed by the [Code of Ethics - Policies | NMTCB](#). When applying for certification you must answer [Ethics Questions - Policies | NMTCB](#) to identify potential ethics violations. If you have concerns about a potential ethics violation, students may request a [Pre-Application Review Process - Nuclear Medicine - Exams | NMTCB](#).

Advising and Counseling

1. The Program Director, Clinical Coordinator, and Program Faculty will serve as advisors for students regarding Program completion requirements, clinical and academic.
2. Students may seek advising services from Program Faculty not assigned to them if needed.
3. Students may request counseling meetings as needed.
4. The official University of Iowa academic advisor for students in the Baccalaureate Degree in Nuclear Medicine Technology is assigned by the Office of Student Affairs, Radiation Sciences. This academic advisor will assist the student with matters such as course registration, general education courses and degree completion. Refer to the Radiation Sciences and Nuclear Medicine Policies and Procedures Manual for more details.
5. Career Guidance is provided by the Pomerantz Career Center
 - a. [Pomerantz Career Center The University of Iowa \(uiowa.edu\)](https://uiowa.edu/pomerantz-career-center)
6. The University of Iowa Counseling Service is also available to students any time they wish to utilize it. Information can be obtained:
 - a. [University Counseling Service The University of Iowa \(uiowa.edu\)](https://uiowa.edu/counseling-service)

Attestations

Policy:

To remain in good program standing, students must attend specified orientation and annual reviews/trainings and submit their associated attestations. These attestations include:

New Student Attestations:

1. ARRT/NMTCB Pre-Application Review
2. NMT Student Handbook Review Waiver
3. Photo Release Waiver
4. Radiation Sciences Policies & Procedures Manual Waiver
5. Recommendation Release

Annual Attestations:

1. Background Disclosure
2. Radiation Sciences Policies & Procedures Manual Waiver
3. NMT Student Handbook Review Waiver
4. Radiation Safety Review

Procedure:

1. Students will attend the new student orientation or annual policy and procedure review in the first week of Fall semester.
2. Students will review the Radiation Safety Review module on the Rad Sci Student Resource Center ICON course site in the first week of Fall semester.
3. Students must submit their attestations associated with the identified items above, in e*Value, by the following Monday.
4. Students who fail to submit their attestations by the deadline will not attend their clinical assignments until their attestations have been submitted.
5. Students who are absent from their clinical assignment due to violation of the Attestation policy will be subject to all policies for Clinical Attendance & Personal Time.
6. Students with habitual violation of the Attestation policy will be subject to the Judicial Process (see Degree Policies & Procedures manual).

Clinical Attendance

Policy:

Attendance of all Clinical Internship activities is critically important to successful completion of the Nuclear Medicine Technology Program. Clinical activities have been structured and scheduled in a way to provide students with ample opportunity to complete the clinical requirements of the Radiologic Technology Program. It is strongly suggested that students attend all assigned clinical rotations with no absences. Students will not graduate until all Clinical Internship requirements have been completed. **There are no exceptions to this requirement.**

Procedure:

1. Students will arrive on time for clinical internship sessions.
2. Students will remain in the clinical internship rotation area for the entire scheduled time unless release by clinical staff. Do not expect or ask to be released early from a clinical internship rotation.
3. Students who leave their assigned clinical rotation without use of personal time or clinical staff permission will be subject to the Use of Personal Time Procedure policy and the Judicial Process (see Degree Policies & Procedures manual).
4. Students are required to attend a portion of all clinical rotations assigned in Clinical Internships I-V.
5. If a student misses an assigned clinical rotation and fails to use personal time and/or report the absence to NMT Staff, they will be subject to the Use of Personal Time Procedure policy and the Judicial Process (see Degree Policies & Procedures manual).
6. If an extenuating circumstance or personal crisis affects the student's ability to attend clinical assignments, decisions on allowing student accommodations will be provided as determined by the Program Director and staff.

Clinical Competency

The purpose of the clinical competency assessment is to verify comprehensive student accuracy of exam process, procedure, and technical skill required for patient care, medical imaging, and nuclear medicine procedures. Verified competency is required by the American Registry of Radiologic Technologists (ARRT(N)) and the Nuclear Medicine Technology Certification Board (NMTCB) and demonstrates proficiency in exams. ARRT(N) and NMTCB Clinical Competency requirements can be found at [ARRT \(N\)](#) and [NMTCB Components of Preparedness](#)

Clinical competency is the demonstrated ability to perform a nuclear medicine procedure independently, safely, and proficiently, integrating:

- Patient care and communication
- Radiation safety and ALARA principles
- Technical and procedural accuracy
- Image acquisition, processing, and evaluation

Competency progression includes:

- **Level 1:** Observation
- **Level 2:** Assisted performance
- **Level 3:** Independent performance

Students may not perform procedures independently until Level 3 competency has been achieved and documented.

All Level 3 competencies must be evaluated using the program's standardized competency form, assessing performance across:

- Study preparation
- Patient care and communication
- Radiation protection
- Equipment setup
- Image acquisition and processing
- Study completion and documentation

Procedure to Obtain Clinical Competency

Step	Activity
1. Classroom/Didactic	Instruction: Procedures and image analysis
2. Level 1 – Observational participation	Level 1 can be documented at any time during clinical/laboratory rotations.
3. Level 2 – Active Participation/Minimal Supervision	Students must be under the direct supervision of a registered nuclear medicine technologist when attempting a Level 2 clinical competency. The student must perform most of the examination independently, demonstrating 100% accuracy in patient positioning and full operation of all required equipment, with only minimal assistance.
4. Level 3 – Total Responsibility for Procedure; Indirect Supervision Only	Students must notify the NMT of their intention to attempt a competency prior to the start of the examination and provide the Level 3 Clinical Competency Evaluation Form at the time of the study. Competency requires demonstration of 100% accuracy in positioning and all exam components with minimal assistance. The evaluating NMT must not help related to positioning, equipment operation, or image processing during the assessment. (Case Log verification in E*Value required) – Level 3 COMPETENCY
5. Independent Practice	After achieving Level 3 competency, students are expected to continue practicing with increased independence. However, all Direct and Indirect Supervision policies continue to always apply.

Simulated Clinical Competency

Policy:

Simulated clinical competencies are permitted on a limited basis for students nearing program completion who are unable to complete required competencies through routine patient-based clinical experiences.

Students may complete a maximum of five (5) simulated competencies, in accordance with ARRT requirements. These are considered exceptions and do not replace standard clinical competency requirements.

To be eligible, students must:

- Be in the final month of the program
- Have incomplete required competency despite appropriate clinical effort
- Have no reasonable access to additional patient-based opportunities
- Demonstrate overall clinical readiness and professionalism

All simulated competencies must be completed under direct supervision and evaluated at an entry-level (Level 3) standard, demonstrating independent performance and clinical decision-making.

Procedure:

To complete a simulated competency, the following steps must be followed:

1. The student must use the Level 3 Clinical Competency Evaluation Form during the assessment.
2. The student must be directly observed by a qualified clinical preceptor.
3. The student must demonstrate:
 - 100% accuracy in positioning and all exam requirements
 - Independent equipment operation
 - Appropriate clinical decision-making with minimal to no assistance
4. Upon successful completion, the clinical preceptor signs the student's competency book.
5. The student must log the procedure as "Simulated" in e*Value.
6. The student must notify the NMT Clinical Coordinator, who will assign the required e*Value simulated competency self-evaluation.

Program Expectation

Simulated competencies are limited and closely monitored. All students are expected to demonstrate full clinical competence and readiness for safe, independent practice at program completion.

Clinical Evaluations

Policy:

Clinical performance evaluations are completed each rotation by clinical staff on student performance. Aggregate data from the semester's clinical performance evaluations will be used to calculate the student's clinical internship course final grade. Evaluations are assigned and completed through e*Value.

Procedure:

1. Clinical performance evaluations will be generated in e*Value near the beginning of rotation.
2. Students will complete their WDYWW form in e*Value.
3. Students must send an evaluation to each staff member they spent the most time with during their clinical internship activities.
4. Students are required to send evaluations to a minimum of one (1) clinical staff per rotation. It is strongly recommended they send more.
5. Students who send an insufficient number of evaluations in a semester will be subject to the Judicial Process (see Degree Policies & Procedures manual).
6. Students who violate the clinical evaluations policy and procedure will be subject to the Judicial Process (see Degree Policies & Procedures manual).

MCU General Nuclear Medicine Student Policy

Procedure:

It's important that students stay in their assigned rotations at all times. Each rotation is designed to give you specific learning opportunities—treat it as *your* area to grow and build your skills. Moving into other rotations can disrupt others' learning and responsibilities, so please be respectful and make the most of the time and space you've been assigned.

General nuclear medicine is divided into four rotations:

1. Injection Lab
2. ECAM (II & IV)
3. Cardiac (GE 530C & Stress Lab)
4. Hybrid (Prospecta, Sumbia, IBEX)

It is the goal to only have four students scheduled at a time in the general Nuclear Medicine rotations. This will ensure that one rotation spot remains open to serve as a flexible "float" option if another rotation ends early for the day. This approach will help maintain a smoother workflow and ensure that all students remain engaged and productive throughout the day.

Students should check the whiteboard at the beginning of the day to see their camera(s) schedule.

- Students are expected to be in their exam room by 7:45AM so they are involved in the set up/prep for their exams.
- Students will begin their day in whichever exam has the earliest starting exam.
- In the event that there are multiple early exams in their cameras (for example three 8:00A exams in their Hybrid rooms), they can choose the exam they need/want to begin with.
- In the event that a student needs/wants a later exam (for example the 9:00) but there is an 8:00 exam happening, the student will start with the 8:00 exam and then move to the 9:00 exam when appropriate.
- Student's will remain in their assigned cameras with the exception of:
 - Students who must go the injection lab to complete prep for a patient scheduled in their camera later that day/week (e.g., Level 3 comp for thyroid)
 - Utilizing the floating policy (in NMT Student Handbook)
 - If they are sent to the open rotation because their camera has concluded for the day

If an exam ends in the room the student is currently and there is an exam underway in their other camera, they should:

- Ask the tech they're with if they can go into that exam at that time

- The tech will secure chat with the other technologists to approve or not approve
- The tech with the student will relay that information to the student

Students should be involved in as many full exams (i.e., from start to finish including prep/set-up) as possible.

- It is the student's responsibility to know the schedule and be involved in clinic, including being in their room and ready to always assist
- Students are not allowed to congregate in the lounge
- Students are not allowed to congregate in the conference room
- Students are not to leave clinic to go to an educator's office
- Students may leave clinic for:
 - Job shadows
 - Class (working to make this much less frequent)
 - VA Onboarding
- If a student is leaving the clinic at some time for one of these reasons, they are to communicate that with their tech at the beginning of the day and again when they leave. They are to leave in a minimally disruptive way if an exam is happening.

If there is any downtime in their camera, students may:

- Study in the room (using a patient side table and not stationed at the tech work computer)
- Complete other items on the Independent Clinical Work for Students checklists posted in the rooms
- Ask the technologists if there are other things that should be completed

The Clinical Coordinator will send Dan and Ashley the student schedule via email for the general NM area, so the techs know which students are assigned to which rotations.

Clinical Rotation Float Policy

Policy:

Students may float to another clinical rotation to optimize learning opportunities and maintain clinical efficiency. All floating must be appropriately approved and communicated. Senior students (Clinical Internship IV & V) may also float to complete rare but required ARRT competencies under defined conditions.

Procedure:

1. Students may float when one or more of the following conditions are met:
 - The current rotation has finished early with clinical technologist approval.
 - The assigned camera or room is shut down.
 - No doses are available.
 - A clinic or rotation has been canceled or shut down.
2. Prior to floating, students must:
 - Obtain approval from their clinical technologist.
 - Notify the Clinical Coordinator.
3. Students enrolled in Clinical Internship IV and V may float to participate in rare but required ARRT competencies.
4. For required ARRT competency floats, students must:
 - Communicate with their assigned technologist regarding their intent to participate.
 - Ensure no other student is scheduled in that rotation.
 - Notify both the clinical instructor and the Clinical Coordinator.
5. Students must adhere to additional guidance outlined in the [MCU General Nuclear Medicine Student Policy](#) on the NMT ICON site.

By enrolling in the NMT program, students acknowledge and agree to adhere to these policies and understand the consequences of failing to do so.

Clinical Schedule and Obligations

1. Students are assigned clinical rotations that offer educationally valid clinical experience on an equitable basis.
2. Clinical rotations are created that provide a wide range of procedures for competency and include outpatient, inpatient, geriatric, and pediatric examinations.
3. Students are assigned to didactic and clinical rotations for a maximum of 8 hours per day and 40 hours per week.
4. All assigned clinical hours include a 30-minute lunch break. Time of break to be assigned by supervising clinical staff.
5. Lunch break is to be taken between 11:00A and 12:30P.
6. Assigned clinical hours for rotations are found on the student schedules contained in e*Value and found on the Clinical Internship ICON Course. Clinical days and hours vary by rotation.
7. Clinical rotations may be held at the following locations. Students are to supply their own transportation and parking. Locations are subject to change.
 - a. University of Iowa Health Care: 200 Hawkins Drive, Iowa City, IA 52242
 - b. Mercy Medical Center: 701 10th St SE, Cedar Rapids, IA 52403
 - c. Iowa City VA Health Care System: 601 US-6 W, Iowa City, IA 52246
8. Students who are not able to attend clinical assignments due to transportation issues must notify the Program Director and Clinical Coordinator immediately. Inability to attend assigned rotations may delay or halt student progress in the program.
9. Varied clinical days and hours are required throughout the program.
10. Students are not assigned to clinical settings on holidays that are observed by the University. See Attendance Policy in the Degree manual.
11. Students must be able to fulfill the Program Technical Standards to participate in clinical internships. If students are unable to fulfill these standards, they will be subject to the Clinical Attendance and Personal Time policies.

Comped Clinical Absence Time

Policy:

It is the expectation that students assigned to clinical rotations will assist with program-related events that occur during scheduled clinical hours as part of their clinical responsibilities. Outside of scheduled clinical time, participation in program activities is voluntary. Students may be eligible to receive additional clinical absence time for voluntary participation; however, available opportunities and associated compensatory time are subject to change.

Procedure:

1. The NMT Clinical Coordinator, or designee, will communicate with students to present available volunteer opportunities.
2. To be eligible for Clinical Absence Time, volunteer events must take place outside of regularly scheduled clinical or didactic hours and responsibilities.
3. Activities include, but are not limited to:
 - a. Job Shadow Escort
 - b. STEM/STEAM
 - c. Introduction to Radiation Sciences course Student Panel
 - d. Career Events
 - e. Staff Appreciation Events
 - f. Professional Conference Attendance
 - g. Presentation at ISRT Annual Student Meeting
 - h. New Student Clinical Mentorship
 - i. Recruitment Events
4. Students who are interested in participating must notify the NMT Clinical Coordinator when they are interested in opportunities
5. Students who volunteer will be notified by email when opportunities are available.
6. For activities with limited space, volunteers will be taken on a first-come, first serve basis.

Clinical Absence time will be added to the student's personal time bank following completion of the activity.

Curriculum

The curriculum is designed to prepare the students for the clinical environment, the performance of nuclear medicine technology examinations and competence in the profession. Courses are sequenced to provide a foundation of knowledge in the core radiation sciences, then to build the nuclear medicine technology specific techniques and practices.

During the fall semester of the junior year, students complete foundational Radiation Sciences coursework and introductory didactic instruction in Foundations of Nuclear Medicine and PET, alongside Clinical Internship I, which emphasizes clinical orientation, observation, and basic patient care skills.

In the spring semester, students advance to comprehensive instruction in nuclear medicine procedures and radiopharmaceuticals while participating in Clinical Internship II, where they assume a more active role in assisting with procedures and applying didactic knowledge in the clinical setting under supervision.

This progression supports the transition from observation to active participation and skill development.

The summer semester provides extensive clinical experience.

The senior year includes the highest level of didactic coursework, research opportunities, basics of management and healthcare administrative concepts and advance clinical education.

Junior Year – Fall Semester	Clock Hrs	Sem Hrs
RSNM:3121 NM Clinical Internship I	328	3
RSNM:3140 Foundations in NM & PET	45	3
RSP:3130 Radiation Safety & Radiobiology		1
RSNM:3132 Rad Safety & Regulations in Nuclear Medicine		1
RSP:2120 Patient Care for Radiation Sciences		3
RSCT: 4100 Sectional Anatomy		3

Junior Year – Spring Semester	Clock Hrs	Sem Hrs
RSNM:3221 NM Clinical Internship II	328	3
RSNM: 3131 Radiopharmaceuticals		3
RSP:3210 Medical Ethics & Law		2
RSRT: 3220 Emotional Intelligence of Healthcare Professionals		2

Senior Year – Summer Semester	Clock Hrs	Sem Hrs
RSNM:3321 NM Clinical Internship III	328	4
RSCT: 4100 Sectional Anatomy		3

Senior Year – Fall Semester	Clock Hrs	Sem Hrs
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RSNM:4121 NM Clinical Internship IV	328	4
RSP:4110 Research Methodologies for Radiation Sciences		3
RSCT:4130 CT Physical Principles & QC		4
RSNM:3231 Instrumentation		3

Senior Year – Spring Semester	Clock Hrs	Sem Hrs
RSNM:3121 NM Clinical Internship V	432	5
RSNM:4222 NMT Capstone & Certification Exam Prep		5
RSP: 3220 Rad Sci QM & Healthcare Administration		2

Curriculum is subject to change

*6 clinical hours ~ 1 contact hour

Dosimeter Procedure

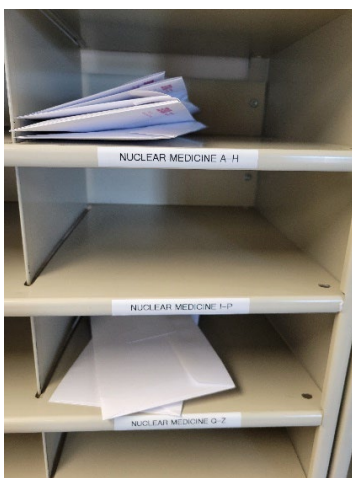
Policy:

Personal monitoring devices used to record occupational radiation exposures are supplied and processed through a commercial dosimeter service. The administration and management of the student-monitoring program is provided by EHS. Copies of dosimetry reports are provided to each dosimeter account and are maintained on file at EHS.

Student dosimeters are assigned to individuals based upon their potential exposure to penetrating radiation and regulatory requirements.

Procedure:

1. Dosimeters must be worn **at all times** while in the clinical setting, including labs and any area where radiation exposure is possible.
2. Students must not wear dosimeters outside clinical settings (e.g., at home).
3. Each student will be issued the following dosimeters:
 - a. P1 - Whole Body dosimeter - The P1 dosimeter provides a measurement of the deep (DDE) and shallow (SDE) radiation dose equivalent received by the whole body. A black body icon (shown on the dosimeter) identifies the P1 whole body dosimeter. Wear this dosimeter on the torso at waist or chest level.
 - b. U3 - Ring dosimeter – The U3 ring dosimeter provides a measurement of the extremity radiation dose equivalent received by the lower arm and hand. The U3 dosimeter is to be worn under the protective latex glove on a finger of the hand likely to receive the highest radiation exposure. A second ring dosimeter (identified as a "U4") worn on a finger of the opposite hand is recommended for individuals who routinely prepare and/or administer radiopharmaceuticals.
4. Dosimeters are issued on a **Quarterly basis** and must be exchanged by the 10th of each month distributed.
5. Students will receive an **email notification** when new dosimeters have arrived and are ready for pickup.
6. New dosimeters will be placed in the **student mailboxes in the student lounge**, organized **alphabetically by last name**.



7. Students are responsible for:
- **Swapping out** their current body and ring dosimeters with the new ones.
 - Placing the **used dosimeters securely** in the provided **return envelope**.
 - Ensuring the return envelope is properly **sealed**.
 - Placing the envelope into **campus mail** for return to **EHS** (Environmental Health and Safety).
5. Campus mailboxes are found on the first floor near elevator A and across from the first floor cafeteria by the coffee stand.



Failure to complete the exchange process on time may result in a lapse in radiation monitoring and potential disciplinary act

Lost, Late, or Missing Dosimeters

Policy:

Each student will be issued radiation dosimeters and ring badges that must be worn for clinical internships in all clinical rotations. It is the student's responsibility to change out their dosimeter and ring badges and return the prior month's dosimeter to the University Environmental Health and Safety (EHS) Office. Missing dosimeters must be reported to the NMT program officials **immediately**.

Procedure:

6. Dosimeters must be changed quarterly and returned via enclosed campus mail envelope to the University Environmental Health and Safety Office.
7. Dosimeters must be **received** by the EHS Office by the 10th day of each month distributed.
8. Any dosimeter not **received** by the EHS Office by the 10th day of the month distributed will be identified as late.
9. Three (3) late dosimeters in any twelve (12) month period will incur a charge of \$30 to the student.
10. The student and the Program Director will be notified by the EHS Office via email when a dosimeter is either late or missing.
11. The students and the Program Director will be notified by the EHS Office via email when a late or missing dosimeter charge has been incurred.
12. Students must pay the program office by check for a late or missing dosimeter charge within 30 days of the email notifications of the incurred charge.
 - o This can pay in the form of a personal, cashier, or bank check.
 - o The check will be made out to the Nuclear Medicine Technology Program.
 - o The check must be hand delivered to the Administrative Services Coordinator, C725-GH.
13. Student ARRT and NMTCB program verification will not be approved until all program debts have been paid. Students without ARRT or NMTCB program verification cannot be certified by the ARRT or NMTCB.
14. Students with multiple violations of the Lost, Late, or Missing Dosimeter policy may be subject to the Judicial Process. See Degree manual.

Dress Code for NMT Clinical Education

Policy:

In addition to the Radiation Sciences Policies and Procedures for Dress Code for Clinical Education, nuclear medicine students must adhere to strict clinical and laboratory standards.

Procedure:

1. Nuclear Medicine Technology students must wear a white student lab coat along with program-approved scrubs.
2. Body and ring dosimeters must be worn at all times during students' clinical rotations. If a student believes they have misplaced their dosimeters, they must notify the program officials immediately. Students are not allowed to participate in clinical activities without both dosimeters.
3. Failure to notify program officials of missing dosimeters will result in a policy warning.
4. Students will use clinical absence hours until their dosimeter is found, or a loner is assigned by EHS.
5. Program officials will contact EHS on behalf of the student; the student will then be responsible for going to EHS to acquire the replacement dosimeter. Clinical absence time will be assessed from the time of notification of the lost dosimeter until the replacement dosimeter is acquired and the student is available to return to their assigned clinical rotation.
6. If a student does not find the lost body or ring dosimeter, they should refer to the lost, late, or missing dosimeter policy below.
7. Hair should be pulled back and secured to ensure it does not interfere with patient care or cleanliness in the laboratory setting.
8. Upon entering the lab or clean room:
 - Students should refrain from wearing extensive makeup, including fake eyelashes, extensive mascara, or chipped nail polish.
 - Students must maintain clean and appropriately trimmed nails while in the lab and clean room.
 - Chewing gum or applying ChapStick is not permitted in these areas.

Electronic Communication

University policy specifies that students are responsible for all official correspondences sent to their standard University of Iowa e-mail address (firstname-lastname@uiowa.edu). Students should check their accounts frequently. (Operations Manual, III.II.15.1.k.11.)

1. Appropriate times to check e-mail messages include before 8:00 a.m., during the lunch hour, or after 4:30 p.m.
2. Messages about changes in schedules, etc., from program faculty, will be sent via E-mail.
3. E-mail Caution: Health Care Information Systems states that confidentiality of information messages cannot be guaranteed, and such messages can be considered evidence in legal proceedings. Do not retain electronic copies of e-mail beyond 30 days.

Program Handbook Awareness Attestation

Policy:

This attestation will serve as verification that students have read and understand the Handbook for students in the Bachelor of Sciences in Nuclear Medicine Technology. Completing this form is an agreement to abide by the policies and procedures contained within and all policies and procedures referenced in the Preface.

Procedure:

1. Student Handbook for the Nuclear Medicine Technology Education degree program will be reviewed annually at student orientation in Fall semester.
2. The policy awareness form, titled Handbook Review Waiver, will be completed annually in e*Value.

Radiation Safety Guidelines

1. Students will be supervised and instructed in a manner that will follow the As Low As Reasonably Achievable (ALARA) safety principle.
2. Students will follow the Occupational Dose Limits for Adults as set forth by the University of Iowa Environmental Health & Safety Office (EHS).
3. The student must be 18 years of age or older to take part in clinical rotations that require working with sources of ionizing radiation.
4. The program uses the radiation monitoring service provided by the University of Iowa EHS.
5. The student will be provided with one P8 collar whole-body dosimeter and one ring badge. The body dosimeter should be worn at the collar level. The ring badge should be worn on the dominant middle finger (RM or LM) with the wording facing toward the palm of the hand.
6. The student will be issued new badges each month. These badges will be placed in the student's mailbox. Each student is responsible for returning the previous month's dosimeter badge to the EHS by the 10th of the following month.
7. Radiation Exposure Reports for the previous month are sent to students via email and posted in the student lounge for review within 30 days of generation.
3. Dosimetry badges must be worn during all clinical practice and labs. Any student without their dosimeter will not be allowed to attend clinic and will be subject to Clinical Attendance & Clinical Absence Hour policies. See Degree manual.
8. If a student has a lost or missing badge, they must report it missing to NMT program officials immediately. See Lost, Late, or Missing Dosimeter policy in this handbook.
9. Any student who is personally going through diagnostic or therapeutic procedures and/or treatments should not wear their dosimeter during these personal exams.
10. The dosimeter badge is the property of the University of Iowa and must be returned prior to graduation. Failure to do so will result in a delay of final ARRT or NMTCB examination verification by the Program Director.
11. If a student is dismissed or withdraws from the Program, they must turn in their badge to the NMT program officials before drop authorization will be issued.
12. Tampering with the radiation badge or exposing it to ionizing radiation to cause a false positive reading shall be considered a serious offense and will result in immediate dismissal from the Program.
13. The student's annual dosimetry badge reading will not exceed the following NRC protection recommendation (see following chart):

Annual Maximum Permissible Dose Limits		
mrem	rem	
5000	5	Whole Body Deep Dose Equivalent (Head, trunk, active blood-forming organs & reproductive organs)
50,000	50	Whole Body Shallow Dose Equivalent (Skin of the whole body) and Extremities (Hands, forearm, feet & ankles)
50000	50	Lens of Eye Dose Equivalent

Notification and investigation levels for occupational exposure to radiation by the EHS Office are as follows:

- Action Level I: EHS contacts individuals and their supervisor/department be presented with cumulative quarterly exposure exceeds any of the action levels listed below.
- Action Level II: In addition to “Level I” notifications, EHS requires the completion of a questionnaire for “Action Level II” exposures and may include a meeting with the student and their supervisor to discuss the individual’s exposure and potential actions.

ALARA I	ALARA Level II	
200 mrem/month	400 mrem/month	Whole Body Deep Dose Equivalent (Head, trunk, active blood-forming organs & reproductive organs)
2000 mrem/month	4000 mrem/month	Whole Body Shallow Dose Equivalent (Skin of the whole body) and Extremities (Hands, forearm, feet & ankles)
600 mrem/month	1200 mrem/month	Lens of Eye Dose Equivalent

Student Counseling Session

An important component to student success is early detection and intervention when students are struggling to meet the program didactic, clinical, professional, or ethical expectations. Nuclear Medicine Technology program officials and educators are responsible for observing, monitoring, and addressing behaviors that are counterproductive to student success.

Program officials and educators will meet with the student, in-person, for a formal counseling session if:

- The student earns a failing grade in a course assessment.
- The student receives consistently low scores on clinical evaluations.
- The student is underperforming in any individual component of their clinical internship final grade. See Clinical Internship syllabus for details on components.
- The student has a sudden decrease in clinical scores/scores not typical of their recorded performance.
- The student has numerous negative comments on clinical evaluations.
- Program officials receive reports directly from clinical staff regarding poor student behavior/clinical performance, new or sudden.
- Program officials observe concerning behavior, new or sudden.

*This is not meant to be a comprehensive list of instances. Program officials must use their judgement to hold a counseling session if/when the need arrives.

Student Supervision

Policy:

Students in the NMT Program are required to adhere to Program policy regarding supervision in the clinical setting. **There are no exceptions to the student supervision policy.** The NMT Program adheres to the JRCNMT's definitions of direct and indirect supervision.

Direct supervision is defined as student supervision by a qualified nuclear medicine technologist who:

- Reviews the procedure in relation to the student's achievement.
- Evaluates the condition of the patient in relation to the student's knowledge.
- Is physically present during the conduct of the procedure.
- Reviews and approves the procedure and/or image before the patient is dismissed and images are archived.

Indirect supervision is defined as student supervision by a qualified nuclear medicine technologist who:

- Is immediately available to assist students regardless of the level of student achievement (immediately available is interpreted as the presence of a qualified technologist adjacent to the room or location where a nuclear medicine procedure is being performed).
- Reviews and approves the procedure and/or image before the patient is dismissed.

Procedure:

1. Students must be directly supervised until successful competency is achieved and logged in e*Value. Competency is achieved when students have successfully passed the competency for a specific exam.
2. Students must be directly supervised during all clean room procedures, regardless of the level of competency.
3. Once students have achieved competency, they may work under indirect supervision for applicable exams.
4. Students found to be in violation of the Student Supervision policy are subject to the Judicial Process for Disregard of Student Supervision Policies in this manual.

***Students operating in an employee role cannot supervise students operating in their student role.**

Judicial Procedure for Disregard of Student Supervision Policies

Policy:

Student supervision policies are based on the JRCNMT standard regarding student health and safety. Students are required to know the policies regarding Student Supervision and are required to adhere to them. If a student is found to be in violation of supervisory policies, disciplinary action taken by program staff will be as outlined below.

There are no exceptions to the direct or indirect supervision policy.

Procedure:

1. Students found in violation of the Personal Misconduct policy will be subject to the Judicial Process.
2. Students have the right to appeal a decision by following the Judicial Appeals Process. See Appeals Processes in this document.

Student Volunteer Opportunities

Policy:

Students may participate in various program related activities. These activities are voluntarily. Opportunities for volunteer activity listed below are subject to change.

Procedure:

7. The NMT program officials email students to present volunteer opportunities available to them for the remainder of their time in the program.
8. Activities include, but are not limited to:
 - a. STEM/STEAM events
 - b. Introduction to Radiation Sciences course student panel
 - c. Career events
 - d. Staff appreciation events
 - e. Service events
 - f. Professional conference attendance
 - g. Professional conference presentations
 - h. Student mentorship
 - i. Recruitment events
9. Students who are interested in participating must notify the NMT program officials to be added to the student volunteer list.
10. Students who volunteer will be notified by email when opportunities are available.
11. For activities with limited space, volunteers will be taken on a first-come, first serve basis.
12. Students may not participate in volunteer activities if they:
 - Are negative in clinical absence hours.
 - Received an F at any portion of their clinical internship grade the prior semester.
 - Have received more than one (1) policy violation in the current semester.
13. Students will be notified by NMT program officials if a volunteer activity earns clinical absence hours.
14. Any activity earning clinical absence hours outside of the student's assigned clinical time will be earned at a rate of 1:1.

Technical Standards

Individuals admitted to the Nuclear Medicine Technology Program must be capable of performing the duties and responsibilities listed in the technical standards on your application.

[Rad Sci Technical Standards](#)

The University of Iowa prohibits discrimination in employment and in educational programs and activities based on race, national origin, color, creed, religion, sex, age, disability, veteran status, sexual orientation, gender identity, or associational preference. The University also affirms its commitment to providing equal opportunities and equal access to university facilities.

Contact for additional information on nondiscrimination policies:

Office of Equal Opportunity and Diversity

The University of Iowa

202 Jessup Hall

Iowa City, Iowa 52242-1316

Phone: (319) 335-0705 (voice) and (319) 335-0697 (text)

Tuition & Fees

Tuition & Fees

Students in the Program will be assessed tuition & fees from the University of Iowa.

[Radiation Sciences Tuition, Fees, and Expenses](#)

Zoom Attendance & Professionalism Policy

Policy:

To foster a productive, engaging, and professional learning environment, students are expected to adhere to the following guidelines during all Zoom sessions:

Procedure:

1. Attendance & Camera Requirements
 - a. Students must attend Zoom sessions with their video turned on for the duration of the class.
 - b. Students should remain alert, attentive, and ready to participate.
 - c. Participation points for the class period will only be awarded if these expectations are met.
2. Students are expected to join class from a location that supports learning, such as:
 - a. A quiet room
 - b. A home office or study space
 - c. Any environment free from distractions, noise, or interruptions
3. Not permitted:
 - a. Joining class from a car, gym, bed, or other distracting or informal environments.
 - b. Being unprofessionally dressed (e.g., pajamas, clothing inappropriate for an academic setting).
 - c. Lying down, reclining in bed, or positioning the camera in a way that suggests disengagement.
4. To maintain a standard of professionalism:
 - a. Students should be dressed in appropriate, classroom-ready attire.
 - b. Students should be sitting upright in a chair or at a desk.
 - c. Backgrounds should be neutral and free of distracting or inappropriate content. (Virtual backgrounds are acceptable if they meet these expectations.)
5. If you have concerns about:
 - a. Camera use,
 - b. Your location during class,
 - c. Internet limitations, or
 - d. Any circumstances that may require exceptions.

You must contact the instructor in advance to discuss potential accommodations.

6. Failure to follow the Zoom Attendance & Professionalism Policy will result in:

- a. Loss of participation points for the class session, and/or
- b. Further action as outlined in the course professionalism and conduct policies.

Appendix A: Current Clinical Sites

- Iowa Health Care Medical Center University Campus
200 Hawkins Drive
Iowa City, IA 52242
- Iowa Health Care Medical Center Downtown
500 E. Market St.
Iowa City, IA 52245
- Mercy Medical Center
701 10th Street SE.
Cedar Rapids, IA 52403
- Iowa City VA Health Care System
601 US-6 W,
Iowa City, IA 52246

Additional information about clinical sites is available on the Rad Sci NMT Program Resource Center within the ongoing ICON site.

Appendix B: Advisory Committee

The University of Iowa's Carver College of Medicine sponsors the Program in cooperation with the Department of Radiology. Education is provided by the University of Iowa (UI) College of Medicine faculty in the Department of Radiology, at Iowa Health Care Medical Center University Campus, under the close guidance of licensed nuclear medicine technologists.

The educational experience includes didactic instruction, laboratory instruction, clinical instruction, and self-directed learning.

Members of the Nuclear Medicine Technology Education Program Advisory Committee include:

Jay Smith, MA, BSRS, CNMT, RT(R)(N)

Director, Nuclear Medicine Technology Education

Kelli Schlarbaum, MBA, BS, CNMT (PET)(CT), RT(N)

Specialized Care Coordinator, Nuclear Medicine Technology Education

Holly Bonfig-Becker, EdD, MA, RT(R)(M)

Administrative Director of Radiation Sciences; Director, Diagnostic Radiologic Technology Education

Dr. Yusuf Menda, MD, Professor of Radiology, Professor of Oncology

Division Director-Nuclear Medicine, Medical Director-PET Imaging

Dr. John Sunderland, PhD, MBA

Professor of Radiology

Dan Petersen, BS, CNMT

Technical Director, Nuclear Medicine, General Nuclear Medicine AES at MCUC

Alyssa Tucker, BS, CNMT (PET)

Administrative Lead, PET Imaging; PET AES at MCUC

Jennifer Maiers, MHA, RT(R)(CT)(VI)(QM)

Director, Office of Student Affairs

Holly Bonfig-Becker, EdD, RT(R)(M)

Director, Radiologic Technology Education

Jared Stiles, MSL, RT(R)(T)

Director, Radiation Therapy Education

Willim Navis

Medical Imaging Supervisor, AES at VA, Iowa City, IA

Todd Steenblock, CNMT, RT(R)(N)

Director of Radiology, AES at Mercy Medical Center, Cedar Rapids, IA.

Appendix C: UI Carver College of Medicine, Department of Radiology, & Radiation Sciences Leadership

Denise Jamieson, MD, MPH

Vice President for Medical Affairs, Dean of the Carver College of Medicine

Bruno Policeni, MD, MBA

Krabbenhof Professor, Chair and DEO, Department of Radiology

D. Lee Bennett, MA, MBA, MD, FACR

Vice Chair for Education, Department of Radiology

Kyle Minehart

Interim Clinical Department Administrator, Department of Radiology

Holly Bonfig-Becker, EdD, RT(R)(M)

Administrative Director of Radiation Sciences

Director, Radiologic Technology Education

Jay Smith, MA, BSRS, CNMT, RT(R)(N)

Director, Nuclear Medicine Technology Education

Kelli Schlarbaum, MBA, BS, CNMT (PET)(CT), RT(N)

Clinical Coordinator, Nuclear Medicine Technology Education

Jared Stiles, MSL, RT(R)(T)

Director, Radiation Therapy Education

Jennifer Maiers, MHA, RT(R)(CT)(VI)(QM)

Director, Office of Student Affairs

Hannah Kelly

Director, Diagnostic Sonography Education

Appendix D: JRCNMT Standards

A complete copy of the current JRCNMTT Accreditation Standards for Nuclear Medicine Technology can be found at:

[Accreditation Standards for Nuclear Medicine Technologist Education](#)



