

COLLEGE OF DUPAGE
NUCLEAR MEDICINE
TECHNOLOGY
PROGRAM
Advanced Certificate
Summer 2026



Jamie Noble
Program Chair

Application Deadline: February 5, 2026 at 5 pm

Note: Please see specific program registration or admission packets for detailed information on when to begin completing health requirements, drug tests, CPR, criminal background checks and proof of insurance submission. Timing varies depending upon either entrance to or participation in the clinical component of a given program. Funds paid to Edward Corporate Health or to a personal health care provider/ source, CastleBranch.com, insurance companies, and funds used towards CPR completion are not eligible for any sort of refund from College of DuPage if the required course(s) are not successfully completed.

Note: Students are not accepted into this program until they receive an official acceptance letter from the Nursing & Health Sciences Division.

COLLEGE OF DUPAGE
Nursing and Health Sciences Division

425 Fawell Blvd.
Glen Ellyn, IL 60137-6599
(630) 942-8331

Dear Applicant:

Thank you for your interest in the Nuclear Medicine program at College of DuPage. This packet of information has been developed to provide you with a complete overview of our program, including the process for admission.

Although Nuclear Medicine is considered an Advanced Certificate program, it is highly advised that students follow the recommended course sequence listed in this packet.

The application and all materials must be received by the application deadline in order to be reviewed by the Nuclear Medicine Technology Admissions Committee.

If you have any questions, or I can be of assistance, please do not hesitate to contact me at noblej4169@cod.edu.

Sincerely,

Jamie Noble, MSC, CNMT, RT(R)(N)
Program Chair
Nuclear Medicine
www.cod.edu/nuclear-med

MISSION STATEMENT

The primary goal of the Nuclear Medicine Technology program is to educate students with didactic, laboratory and clinical experiences in preparation for a health career as a Nuclear Medicine Technologist. The graduate will deliver compassionate patient care in the use of radiopharmaceuticals and imaging technique, and function as an integral member of the health team with competence and confidence.

NUCLEAR MEDICINE TECHNOLOGY

Nuclear Medicine is the scientific and clinical discipline involving the diagnostic, therapeutic and investigative use of radiopharmaceuticals. The skills of the Nuclear Medicine Technologist are important to the Nuclear Medicine physician, other health professionals and especially the patient.

Nuclear Medicine Technologists perform the following: attend to patient needs; abstract data from patient records; calculate doses for In Vivo and In Vitro studies; prepare and administer radiopharmaceuticals; operate scanning equipment, perform computer acquisition and analysis of patient studies; and assist the physician when using radiopharmaceuticals.

NUCLEAR MEDICINE TECHNOLOGY PROGRAM

The Nuclear Medicine Technology program is a 15-month program. Classes are held on Wednesdays and Thursdays during the first summer semester, Tuesdays and Thursdays during the fall and spring semesters, and Tuesdays during the final summer semester. The clinical education component is conducted on Mondays, Wednesdays, and Fridays at the assigned clinical affiliate (hospital) from August through May, and on Mondays, Wednesdays, Thursdays and Fridays during the final summer semester. The clinical hours generally run from 7 a.m. to 3:30 p.m. Students report to the clinical affiliate on the assigned days. The student must be able to provide transportation to and from the college and clinical sites.

The program delivers more than 500 hours of classroom and lab learning activities. More than 1,000 hours of clinical education is provided over the entire 15-month sequence. The Nuclear Medicine program is accredited by the Joint Review Committee on Education in Nuclear Medicine Technology.

Upon successful completion of the Nuclear Medicine Technology program, the graduate is eligible to sit for the certification exams administered by the Nuclear Medicine Technology Certification Board (NMTCB) and the American Registry of Radiologic Technologist (ARRT).

ADMISSIONS

The program can admit only a limited number of students. The number of students selected is determined by the current availability of clinical sites and may vary from year to year. Students will only attend sites that can provide adequate supervision and an appropriate learning environment. In the event that the number of **qualified applicants** exceeds the number of available clinical spaces, the selection will be made via the Merit Evaluation criteria, which is included in this brochure. The selection process has been established to admit the most qualified students.

In order to determine the most qualified students, a Merit Evaluation Form is completed of a student's prior-earned college coursework or equivalent. Merit points are awarded for the following: level of college degree, pre-requisite course grades, and patient care experience. **Associate's Degree or higher must be completed prior to start date in Summer semester.**

The qualified student with the highest point totals and resides in-district (*see priority for admission section for clarification as this has changed this year*) **will have priority for admission.** Those students not admitted but who are eligible, will be placed on an alternate list. Students will be admitted in rank order with the student who has the highest number of points being appointed first.

Admission decisions are made following the application deadline. Letters of acceptance are then sent via email to

each applicant who has been named by the Admissions Committee approximately 4-6 weeks from the deadline date. Each applicant must in turn, acknowledge their acceptance of appointment in writing (on a provided form) and return it via email to hsadmissions@cod.edu. Each applicant who accepts admission to the program **MUST** attend the Program Orientation. Information concerning the Program Orientation is included in the letter of acceptance.

AFTER PROGRAM ACCEPTANCE

After program Acceptance, students will complete the specific Health Requirements. Please click on [Health Requirements Packet](#). **However, please do not begin these requirements until instructed to do so.** You will also complete a Criminal Background Check, Drug Screen, and Medical Document Manager piece through [CastleBranch.com](#). The results of a background check are posted to the CastleBranch web site in a secure, tamper-proof environment, where the students, as well as the program chair can view the background check as well as drug test and health records.

Requests for deferred admission are **not** automatically carried over to the following cycle. Applicants who were not accepted for the cycle in which they originally applied are asked to pay the \$50 non-refundable Health Science application fee and submit any/all supporting documents as listed on the Admissions Checklist of the Application Packet requirements (if applicable).

INTERNATIONAL STUDENT ADMISSION

Prior credits earned at institutions outside the continental United States must be translated and evaluated in detail for credit that is acceptable to College of DuPage. In addition, English 1101 and 1102 (Composition) and Speech 1100 must be completed prior to application deadline, as well as all other requirements listed on page 9 in order to be considered for admission. Evaluation forms can be obtained at www.ece.org.

PRIORITY FOR ADMISSION

1. In-District applicants which includes:
 - In-District applicants who reside within Community College District 502
 - Applicants who are part of the CAREER Consortium Agreement (meaning your residing community college does not offer the particular program in which you are applying
 - Applicants working full-time in-district (proof of in-district employment will be required each semester)
2. Out-of-District applicants (who are NOT part of the CAREER Consortium Agreement)

PROGRAM INFORMATION DISCLAIMER

This program information is published for that purpose only; however, the information in this packet is not to be regarded as an irrevocable contract between the student and the program. The program reserves the right to change, at any time, without notice, graduation requirements, fees and other charges, curriculum, course structure and content, and other such matters as may be within its control, notwithstanding any information set forth in this program information packet in accordance with College of DuPage policies and procedures.

Policies and Procedures

All Nursing and Health Science Division policies and procedures are found on our [Division website](#). It is the students' responsibility to ensure they have reviewed and understand the policies and procedures. The Nursing and Health Science Division reserves the right to change, at any time, without notice, these policies and procedures.

ADVANCED PLACEMENT

The Program of Nuclear Medicine Technology, due to the fifteen-month intense training period, will not accept advanced placement for students who have already attended the College of DuPage or another Nuclear Medicine Technology Program. All coursework and competency requirements must be completed while a student of the currently enrolled in the College of DuPage program.

The only exception is the Sectional Anatomy course. If a student has completed a Sectional Anatomy course previously, they should contact the Program Chair for clarification if the class they took previously will transfer and they will be waived from completing the program Sectional Anatomy course.

NON-DISCRIMINATION POLICY

Non-Discrimination Policy The College prohibits discrimination in its admissions, employment, and educational programs or activities on the basis of race, color, sex, religion, creed, national origin, age, ancestry, marital status, sexual orientation, gender identity and expression, arrest record, military status or unfavorable military discharge, citizenship status, and physical or mental disability. The College will protect an individual's right to express their viewpoint or opinion, so long as it does not violate State or Federal law and is not detrimental to the College. This Policy against discrimination applies throughout all College environments, whether on campus, at work assignments off campus, at College-sponsored social functions, or otherwise. Procedures to facilitate the College's prohibition of discrimination will be promulgated consistent with the Policy. (Board Policy 20-5).

ADMISSION REQUIREMENTS

All students applying for the program must complete the steps below by the application deadline of **5pm on February 5, 2026**.

NOTE: Admission Committees for all Health Science programs have the right to deny admission to any applicant that they feel is unable to fulfill the essential functions as described on page 15 and 16.

****IT IS THE STUDENT'S RESPONSIBILITY TO ENSURE THAT ALL STEPS HAVE BEEN COMPLETED AND THAT ALL INFORMATION HAS BEEN RECEIVED BY THE DESIGNATED OFFICES.**

**** *Students with incomplete information will not be considered for placement.***

APPLICATION CHECK LIST

- _____ 1. Register to attend a mandatory **Nuclear Medicine** group [Information Session](#). **It is required that an applicant attend an information session within the following period: July 16, 2025-date prior to application deadline. (Please note attendance in an information session prior to July 16, 2025 WILL NOT BE ACCEPTED)**
- _____ 2. **Health Insurance proof:**
Students are expected to provide proof of a **Comprehensive Health Insurance Plan** prior to the start of the program. The comprehensive health insurance plan must cover you **throughout the length of your clinical experience**, which in most cases, consists of the entire length of the program. If you are in need of Health Insurance, please see important dates below and visit <https://cod.studentbenefitplans.com/bpg-insurance-individual/>.

IMPORTANT DATES:

November 1st – January 15th - Open Enrollment

If you will need health insurance ANYTIME in 2026, you must apply during the current open enrollment period.

December 15th: Deadline to enroll in a plan that will start January 1st, 2026.

January 15th: Deadline to enroll in a plan that will start February 1st, 2026.

After January 15th – enrollment is closed.

If you miss open enrollment but have a qualifying life event, you can apply during a [Special Enrollment Period](#).

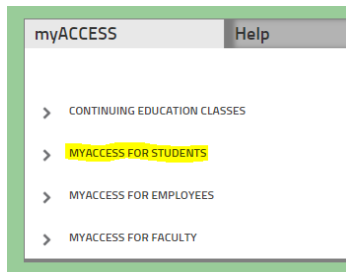
While we **cannot** guarantee your official acceptance into the program, you need to be aware that there is short timeframe of when you are able to purchase a Health Insurance plan. The purpose of this step is to make you aware and that the time to research and purchase is **NOW**. Purchasing health insurance outside of this timeframe will take months and may prohibit your admittance into the Program. **NOTE:** Obtaining Health Insurance is NOT an application requirement but it is a requirement to be in the program.

- _____ 3. If you have not been admitted to College of DuPage, please complete the **non-refundable \$20** [College of DuPage General Admissions Application](#) online. **This application is for general admissions to College of DuPage only; it is not an application to the Health Sciences Selective Enrollment Nuclear Medicine program.**
- _____ 4. To ensure that all of your eligible credits are evaluated towards the admission requirements, turn in **ALL** official Transcripts from institutions that you have attended. Immediately:
 - a. Submit your official transcript(s) to College of DuPage, [Office of Student Records](#). ***If College of DuPage is the only institution you have attended, you do not need to request official transcripts.***

- b. Verify receipt of your transcript(s). Log into myACCESS account, click on 'myACCESS for Students', select '**My Profile**'. The receipt status of your transcript will be listed under '**Transcript Institutions**'.

NOTE: If you have an international transcript from high school or college, it must first be evaluated. Please visit the following website <https://www.cod.edu/records/international-transcript-evaluation.aspx> for details.

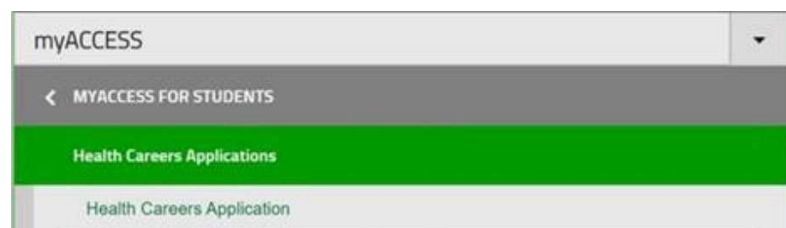
- _____ 5. Complete the **non-refundable** \$50 [Health Career Selective Enrollment Program Application](#) online by logging into the student portal at <https://inside.cod.edu>
 - Click on myACCESS for Students



- Click on the Health Careers Applications link



- Select Health Careers Application



- Select **Diagnostic Medical Imaging Nuclear Medicine Certificate** when asked “What selective enrollment program are you applying to?”

Once the application is submitted, you may not change the term or program. If you do not have a credit card, you can purchase a prepaid credit card from your local retailer

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6. Complete the [College of DuPage Residency Verification form](#) and provide proof of residency to the **Office of Student Registration Services, Student Services Center (SSC) Room 2221** by the program application deadline date. You **MUST** send from your **@dupage.edu** e-mail address.

Note:

- **If this residency requirement has not been submitted to Registration by the program application deadline date, you will not be considered for admission.**

- **Separate Residency Verification Forms must be submitted for each program application.**
- **A new Residency Verification Form must be submitted for each application year.**

- _____ 7. Associate's Degree or higher must be completed or enrolled in Lewis University 3+1 BS program and official Transcripts confirmed by June 1, 2026.
- _____ 8. Completion of all pre-requisite coursework. Only grades of "C" or above in any of the prerequisite courses, listed on page 9, will be accepted. The more courses that are completed **prior to the February 5th admission deadline**, the more merit points you can receive. Students may be enrolled in these courses in Spring semester of the year they are applying but must earn a final grade of "C" or better to be considered eligible for acceptance. **NOTE:** *Courses that are 'in progress' will not be calculated into the MERIT scoring.*
- _____ 9. Completion of the ALEKS Math Placement Test, with a minimum score of 46 ALEKS, **ONLY** if your completion of college MATH course (options: MATH 1431, 1428, or 1102) is greater than 5 years old from the application deadline date. (If college MATH course was taken prior to 2/5/2021, then you will be required to take the ALEKS Math Placement test). (See page 9 for further information on acceptable math courses)
- _____ 10. Documentation of six (6) months Direct Patient Care Experience OR completion of **ONE** of the below Health Sciences courses or equivalent (stated on your Official Transcript). Proof of six months of **direct** patient contact documentation must be completed on company letterhead by your employer/supervisor. It is the responsibility of the student to submit the official letter to hsadmissions@cod.edu. *Examples of direct patient care roles include but are not limited to: CNA, EMT, Medical Assistant, Radiologic Technologist, Student Radiologic Technologist in clinical setting, patient transport, phlebotomist, Cardiac stress/EKG technician. If your role is not listed above, you must have your patient care experience pre-approved by the Program Chair.*
- Please submit all necessary transcripts to the College of DuPage Office of Student Records, SRC 2150 or evaluation@cod.edu in order to receive credit for any of the below courses. If NONE of the courses below are stated on your official transcript; you may submit a copy of your course certification completion to hsadmissions@cod.edu.**
- Choose **ONE** of the following (equivalent competency):*
- FIRE 2271; Emergency Medical Technician-Basic-EMT-B
 - NURSA 1105; Basic Nurse Assistant
 - HLTHS 1122; Basic Phlebotomy Techniques
 - Non Invasive EKG Certificate (Submit certificate of completion in addition to official transcripts)
- _____ 11. Please submit a Personal Statement to hsadmissions@cod.edu including your academic and professional goals. The personal statement should include, but not limited to, current goals and future plans if accepted into the Nuclear Medicine program. Please include reasons as to what lead you to choose this career path and your hopes/goals for the future in this field. If possible, include details of your prior healthcare experiences and examples.

The personal statement should be 2-3 paragraphs, double spaced and should be typed using a word processing program. It should be formatted as either a PDF or Word document (.PDF .DOC). The submission will be scored on the quality of your statement as well as your ability to communicate efficiently. The statement should be sent in English. Please note that poor grammar or punctuation can affect your score. Only one personal statement submission will be accepted.

Personal statement file should be label with your file (PS for Personal Statement), YOUR first and last name and program interested in. For example: "PS_Jamie.Noble Nuclear Medicine 2026 Program.DOC" *Please email your completed personal statement to: hsadmissions@cod.edu*

OPTIONAL ITEMS TO SUBMIT (For additional merit points)

_____ 12. *Optional Job shadow:* This would be applicable for applicants who have spent time (minimum of 3 hours) in a Nuclear Medicine and/or PET/CT department within the last 5 years of application deadline

**Date range accepted: 2/5/2021-2/4/2026*

(This includes Advanced Modality rotation(s) during Radiography program as long as minimum time and date range criteria is met)

- Proof of minimum of 3 hours of **job shadow experience** documentation must be completed on company letterhead by department supervisor or staff nuclear medicine technologist. It is the responsibility of the student to submit the official letter to hsadmissions@cod.edu.
- In addition to the documentation, the student must submit a short essay (1-2 paragraphs) in word or pdf format describing their experience. Essay file should be labeled with file (JS for job shadow) **your** first and last name and program interested in. For example: "JS_Jamie.Noble Nuclear Medicine 2026 Program.DOC"

It is the responsibility of the student to submit the essay to hsadmissions@cod.edu.

*** It should be noted the DMIN program and College of DuPage are **not** responsible for scheduling job shadow experiences. The applicant is responsible for setting up job shadow experience.*

_____ 13. *Optional HLTHS 1124 : Phlebotomy Clinical* (or equivalent course not offered at COD)

Please submit all necessary transcripts to the College of DuPage Office of Student Records, SRC 2150 or evaluation@cod.edu in order to receive credit for the above course if taken outside of COD

_____ 14. *Optional:* Submit proof of **active/current** ARRT certification(s) OR proof of current Spring 2026 anticipated graduation from JRCERT accredited radiography program

a. *ARRT certification (s) Documentation:*

- Go to www.arrt.org>verify credentials>Type name and search>click blue "print verification" button>Save as pdf
- It is the responsibility of the applicant to submit pdf to hsadmissions@cod.edu

OR

b. *Proof of anticipated Spring 2026 graduation from JRCERT accredited radiography program Documentation:*

- Letter from Program Director stating you are in good standing with the radiologic technology program and anticipated to graduate in Spring 2026.
- Documentation must be completed on institution and/or program letterhead by your Program Director. It is the responsibility of the student to submit the official letter to hsadmissions@cod.edu.

ACADEMIC PREREQUISITES

1. Associate's degree or higher **OR** enrolled in Lewis University 3+1 BS program
2. Six (6) months Direct Patient Care Experience **OR** equivalent coursework*.

*(equivalent courses listed on page 8)

3. Personal Statement

4. Prerequisite Courses: (Grade of 'C' or higher is required). All of the following prerequisite coursework must be completed and **validated** prior to **June 1, 2026**. **NOTE:** The more courses that are completed prior to the application deadline of **February 5th**, the more merit points you will receive. Courses that are "in progress" will **NOT** be calculated into the MERIT scoring.

Prerequisite Science & Mathematics Core Courses	
Chemistry 1211 or 1551	Chemistry with laboratory
Math 1431 – Precalculus I <u>OR</u> Math 1428 – College Algebra with Applications <u>OR</u> Math 1102 – Mathematics for Health Sciences <i>5-year date restriction for all</i> (If MATH 1431, 1428, or 1102 was taken prior to 2/5/2021 , then you will be required to take the ALEKS Math Placement test). The ALEKS Math Placement Test must be taken ONLY if the college math course is greater than 5 years from the application deadline date . You must obtain a minimum score of 46 on the ALEKS Math Placement Test. (This is not a replacement test for the above MATH courses).	Option of Precalculus I, College algebra, or Math for Health Sciences **If a higher level math than Math 1431 was taken and is not listed below, please confirm if it will fulfill the Math Pre-requisite with Program Chair **Examples of acceptable higher level Math include: Math 1635 or Math 2000
Physics 1100 or higher (NOTE: If you are a JRCERT radiologic technology program graduate or anticipated SP26 graduate, then you do NOT need)	General physics
Two (2) semesters of Anatomy & Physiology are required. A& P 1551/1571 <u>and</u> 1552/1572	Human anatomy and physiology with laboratory

General Prerequisite or Program Co-Requisite Course	
HLTHS 1110 (Biomedical Terminology)	Medical terminology content
English 1101(or higher-MUST be written comm. course)	Written communication
Speech 1100	Oral communication

**Bachelors degree will satisfy English 1101 and Speech 1100 requirement if courses are evaluated as satisfied on official transcripts*

Equivalent coursework may be considered as a substitution for the above listed courses. Any coursework wanting to be considered should be submitted to the DMIN program &/or Records for review and approval

COLLEGE OF DUPAGE
NUCLEAR MEDICINE TECHNOLOGY ADMISSIONS SELECTION CRITERIA
MERIT EVALUATION

(Subject to change; ALL applicants for each cycle will be evaluated on same selection criteria)

For your reference only; admissions committee completes this form. Do not fill out and submit

NAME: _____

ID Number: _____

Points

1. Applicants must have an AA Degree or Higher OR be enrolled in Lewis University 3+1 program.

College Degree:

Master's or above = 4 points

Bachelor's = 3 points

Associate's = 2 points

*Enrolled in Lewis University 3+1 program=2 points

2. **Pre-requisite courses** (or equivalent):

a. Chemistry with lab 1211 or 1551 (*Scale B*)

b. Math 1431 or 1428 or 1102 or higher (*Scale B*)

OR

ALEKS Math Placement Test (with a minimum score of 46 ALEKS)

(46 or higher score=4 pts)

(NOTE: The ALEKS test will be acceptable ONLY

if the MATH course is greater than 5 years old).

c. Physics 1100 or higher (*Scale B*)

**If student is JRCERT radiography program graduate will receive 4 pts*

**If student is currently enrolled in JRCERT radiography program will receive 2 pts*

d. Anatomy & Physiology 1551/1571 and 1552/1572 (*Scale A*)

***Required but not scored: HLTHS 1110, English 1101. Speech 1100*

3. Total Years of Professional Experience or Direct Patient Care Experience

5+ years: 5 pts

2+-5 years=4 pts

1+-2 years=3 pts

6-12 months=2 pts

OR

Completion of ONE of the following courses (or equivalent certification):

a. FIRE 2271; Emergency Medical Technician (EMT) (*Scale A*)

b. NURSA 1105; Basic Nurse Assistant (*Scale A*)

c. HLTHS 1122; Basic Phlebotomy Techniques (*Scale A*)

d. Non Invasive EKG Certificate (*Scale A*)

4. Personal Statement (Up to 4 pts) _____
5. Reapplicant Bonus (Awarded to students who applied for the **SU2025** Application cycle to recognize continued interest and support) (2 pts) _____

ADDITIONAL SCORING (Optional-NOT required)

6. Job shadow: Time spent (minimum of 3 hours) in Nuclear Medicine and/or PET/CT department (3 pts) _____
***Must include proper documentation and essay with application*
7. HLTHS 1124: Phlebotomy Clinical (Scale A) _____
8. Holds active/ current Certified Radiologic Technologist (ARRT) certification from the American Registry of Radiologic Technology _____
 ➤ ARRT(R);(CT);(MR);(T): 2 pts per certification
 ➤ ARRT(S);(M);(VI): 1 pt per certification

OR

Currently enrolled in a JRCERT radiologic technology program (1.5 pts) _____

TOTAL SCORE : _____

Scale A	Scale B	
Yes = 1	A = 4 pts	C = 2 pts
No = 0	B = 3 pts	D or below = 0 pts

PROGRAM ORIENTATION

A mandatory Program Orientation session is held prior to the first day of class. Further information is given once applicants are selected for admission into the program.

A document titled "The Program Design" is distributed to each student during the first day of the program. The Program Design contains all pertinent information about the program, including requirements, rules and regulations, student recordkeeping, review of forms and procedures, grading, and evaluation, etc. Upon complete review of this document, the student will apply his/her signature, signifying that he/she has read the document and understands its contents. The students will be apprised of potential dangers of radiation, communicable diseases and related hazards by reading and signing a Release Form. The students will make arrangements to for the required health exams and obtain a health clearance form as well as completing the required drug and background checks. For the first clinical rotation, the students will be assessed a fee for Malpractice/Liability Insurance which is for 12 consecutive months and is included with the registration fee. However, to be properly covered, the student **MUST** be registered for class with his/her name appearing on the class roster for each semester. The student is not permitted to enter the clinical site unless duly enrolled at the college.

PROGRAM COST

Please visit the [Program Costs webpage](#) for estimated fees.

Estimate does not include provisions for travel to and from school and clinical education site, for textbooks and fees related to general education requirement courses, or for the cost of the required health requirements.

Financial Aid is available; visit the [Financial Aid Office](#) in SSC 2220 or call (630) 942-2251 or (630) 942-2252.

DMIN NUCLEAR MEDICINE TECHNOLOGY PROGRAM COURSES

(Subject to Change)

SUMMER	
DMIN 1100 Basics of Nuclear Medicine	3 Credits
DMIN 1103 Radiation Biology and Radiation Safety	2 Credits
FALL	
DMIN 1101 Physics and Instrumentation in Nuclear Medicine	6 Credits
DMIN 2200 Nuclear Medicine Procedures II	4 Credits
DMIN 1111 Clinical Nuclear Medicine I	3 Credits
DMIR 2220 Sectional Anatomy for DMI	2 Credits
SPRING	
DMIN 1102 Radiopharmacy	6 credits
DMIN 2202 Nuclear Medicine Procedures III	4 credits
DMIN 2111 Clinical Nuclear Medicine I	3 credits
SUMMER	
DMIN 2222 PET/CT	3 credits
DMIN 2222 Nuclear Medicine Review Seminar	1 credit
DMIN 2112 Clinical Nuclear Medicine I	3 credits

ESSENTIAL FUNCTIONS (TECHNICAL STANDARDS):

- Receiving an Advanced Certificate in Diagnostic Medical Imaging Nuclear Medicine from College of DuPage signifies that the holder has been educated to competently practice in all NM and PET/CT department settings and eligible to apply for licensure in the State of Illinois.
- The DMIN Program requires students to engage in diverse, complex, and specific experiences essential to the acquisition and practice of essential healthcare practitioner skills and functions. These functions are necessary to ensure the health and safety (including radiation safety) of patients, fellow students, faculty, and other healthcare providers.
- The essential functions necessary to acquire or demonstrate competence in Nuclear Medicine are vital for successful admission and continuance in the DMIN Program in addition to the standards of behavior and academic conduct set forth in the College of DuPage Code of Student Conduct, Health Science Programs POLICY FOR PROFESSIONAL CONDUCT, and DMIN Program Design, include, but are not limited to, the following functions, skills, competencies, abilities, and behaviors:

Motor Capability:

- Move from room to room, and maneuver in small spaces.
- Squat, crawl, bend/stoop, reach above shoulder level, use standing balance, and climb stairs.
- Work standing on feet the majority of an 8 hour clinical day
- Endure a full 8 hour clinical day with a 30 minute lunch break
- Reach and manipulate equipment to its highest position (~ 6 ft)
- Move a standard wheelchair and or stretcher from waiting area or patient room to procedure area
- Transfer patients from wheelchair and stretches and them on and off imaging table or injection or treatment chair
- Lift and carry up to 50 lbs. and exert up to 100 lbs. force or push/pull.
- Use hands repetitively; use manual dexterity; sufficient fine motor function for necessary manipulations such as drawing doses with a syringe, manipulating locks, putting on and taking off gloves and other personal protective equipment (PPE).
- Must be able to walk and stand for extended periods of time.
- Perform CPR.
- Travel to and from academic and clinical sites.

Sensory Capability:

- Coordinate verbal and manual instruction.
- Auditory ability sufficient to hear verbal communication from patients and members of the health team
- Ability to detect audible alarms and background sounds during procedures to ensure patient and staff safety
- Discern soft sounds, such as those associated with taking a blood pressure.
- Visual acuity to acquire information from documents such as charts.

- Comfortable working in close physical proximity to patient.

Communication Ability:

- Communicate effectively in English with patients, families, and other health care providers, both verbally and in writing.
- Effectively adapt communication for intended audience.
- Interact; establish rapport with individuals, families, and groups from a variety of social, emotional, cultural and intellectual backgrounds.
- Assume the role of a health care team member.
- Function effectively under supervision.
- Sufficient command of the English language in order to read and retrieve information from lectures, textbooks, as well as understand medical terminology.
- Skills include computer literacy.

Problem Solving Ability:

- Function effectively under stress.
- Respond appropriately to emergencies.
- Adhere to infection control procedures.
- Demonstrate problem-solving skills in patient care. (Measure, calculate, reason, prioritize, and synthesize data.)
- Use sound judgement and safety precautions.
- Address problems or questions to the appropriate persons at the appropriate time.
- Organize and prioritize job tasks.

Behavioral Skills & Professionalism:

- Follow policies and procedures required by academic and clinical affiliate settings.
- Adhere to College of DuPage Academic Honesty Policy (per College Catalog).
- Adhere to College of DuPage Code of Conduct (per College Catalog).
- Abides by the guidelines set forth in the Health Insurance Portability and Accountability Act (i.e. the National privacy act).
- Demonstrate cooperation with all instructors and members of the health care team.

If, after determining through the Office of Access and Accommodations a student is unable to complete the essential functions as described with or without accommodations, the DMIN Admission Committee has the right to deny admission to any applicant. Students who feel they have been discriminated against by basis of disability should refer to the Student Complaint Process housed at: <https://www.cod.edu/student-life/dean-of-students/>.

NUCLEAR MEDICINE TECHNOLOGY PROGRAM CLINICAL EDUCATION CENTERS

(Subject to change)

- Advocate Good Samaritan Hospital - Downers Grove
- CGH Hospital - Sterling
- Edward Hospital – Naperville
- Elmhurst Hospital – Elmhurst
- Loyola -Maywood, IL
- Lurie Children’s Hospital of Chicago
- Mount Sinai Hospital - Chicago
- Northwest Community Hospital - Arlington Heights
- OSF Healthcare – Peoria & Bloomington
- Riverside Medical Center – Kankakee
- Rush University Medical Center – Chicago
- Saint Anthony’s Memorial Hospital – Effingham
- Sara Bush Lincoln Health Center - Mattoon
- Silver Cross Hospital – New Lenox
- Swedish American Hospital – Rockford
- UChicago Adventist Bolingbrook Medical Center – Bolingbrook

CLINICAL EDUCATION PLACEMENT

The clinical training in the program consists of a series of clinical rotation content areas including but not limited to quality control, general diagnostic and therapeutic NM, NM cardiology and stress lab, and PET/CT.

Each student receives their clinical assignment(s) prior to the start of each semester (for example receive Fall placement in July). Each clinical rotation provides the student with clinical experience on a variety of imaging systems, exposure to a variety of procedures and workflows to complete the required competencies of the program. In addition to the usual clinical rotations, each student will be assigned up to three days clinical time in specialty areas to include: Pediatrics at Lurie Children’s hospital in Chicago, IL.

The program guarantees placement for all accepted students to a “local” clinical affiliate site. Students will be assigned each semester to a “local” clinical affiliate site up to **45 miles** from College of DuPage Glen Ellyn campus (*Not from student’s home address*). Current local clinical affiliate sites are listed below. It should be understood by the student that they can be placed at ANY of the below sites each semester (this includes any clinical affiliate sites added to the program in the future within 45 miles of the Glen Ellyn campus). This list is subject to change:

- Bolingbrook Hospital- Bolingbrook
- Edward Hospital- Naperville
- Elmhurst Hospital- Elmhurst
- Good Samaritan Hospital- Downers Grove
- Loyola University-Maywood, IL
- Mt. Sinai Hospital- Chicago
- Northwest Community Hospital- Arlington Heights
- Rush University Medical Center- Chicago
- Silver Cross Hospital- New Lenox (Near Joliet)

The exception to being placed at a “local” clinical affiliate site for the entirety of the program is for the student to request to be placed in a “non-local” clinical rotation. Clinical site placement(s) outside of the local sites MUST be requested by the student in writing when they accept a spot in the program and then must be approved by both the Clinical Coordinator and Program Chair. This is to ensure there is availability at the requested non-local site(s). This option is typically requested by students who are outside of the College of DuPage district map and are typically local to the Peoria, Kankakee, Northern Illinois (Rockford, Sterling), Mattoon or other or related region. Current non- local clinical affiliate sites are listed below.

This list is subject to change:

- *Sara Bush Lincoln Health Center- Mattoon*
- *OSF- Peoria*
- *Swedish American- Rockford*
- *OSF - Bloomington*
- *CGH Hospital- Sterling*
- *Saint Anthony’s Memorial Hospital- Effingham*
- *Riverside Medical Center- Kankakee*

No guarantees can be made for student clinical placement based on student request. The Clinical Coordinator and Program Chair will work together to place students in clinical sites based on site availability and prior/future clinical rotation(s) to ensure students are exposed to a variety of procedures during the program to make their experiences as similar as possible. Students may be placed at a different clinical site each semester and are not able to “swap” sites with another student. The decision of clinical placement for each semester is non-negotiable and final.

It should be noted reassigned clinical assignment due to poor professional behavior; and not following clinical/program rules and policies is not guaranteed. In the event the student is dismissed from a clinical site or breaks program policy, and another clinical affiliate site is not available, the student will be dismissed from the program.

“All application documents delivered to the College of DuPage pertaining to a health sciences admissions file become the property of the College of DuPage and will not be returned to applicants. This includes but is not limited to transcripts, letters of recommendation, clinical evaluation forms or outside test reports.”

“Additionally, merit scores will not be released”