

RADIOGRAPHY

Program Number: 10-526-1

Associate of Applied Science Degree

Campus: Fond du Lac

This program is eligible for financial aid (<http://www.morainepark.edu/financial-aid/>)

Full-Time Enrollment Only

Join the growing field of x-ray as a radiologic technologist with an accredited associate degree from Moraine Park Technical College.

About the Program

The Radiography associate of applied science degree at Moraine Park prepares students for a career in diagnostic radiography (x-ray) as a radiologic technologist. A radiologic technologist produces images of the human body to aid physicians in the diagnosis and treatment of injuries and diseases.

Graduates of the Radiography program are eligible to take the entry-level certification examination administered by the American Registry of Radiologic Technologists (ARRT) (<http://www.arrt.org/>).

The program has earned an 8-year accreditation award by the:

Joint Review Committee on Education in Radiologic Technology (JRCERT)

20 N. Wacker Dr., Suite 2850

Chicago, Illinois 60606-3182

(312) 704-5300

mail@jrcert.org

What You'll Learn

Moraine Park Radiography students learn how to use x-ray imaging equipment to demonstrate body parts on x-ray images for diagnostic purposes, including: diagnostic radiography, fluoroscopy, trauma imaging, mobile imaging, surgical procedures, pediatric radiography, geriatric radiography and special procedures.

Students also learn how to produce and evaluate radiographic images, use computer skills in the radiographic clinical settings, practice radiation safety principles, and model professional and ethical behavior in line with the ARRT Code of Ethics.

Transfer Opportunities

Earn credits at MPTC and transfer to a four-year college to earn your bachelor's degree.

Visit the Transfer to a Four-Year College (<https://www.morainepark.edu/academics/transfer-information/transfer-to-a-four-year-college/>) page for more information on credit transfer agreements between Moraine Park and four-year colleges, both public and private.

Additional Information

State Licensure Disclosure: Moraine Park's Radiography Program prepares students to obtain the educational requirements for licensure to be employed/practice in the state of Wisconsin. No determination has been made if the curriculum matches the educational requirements for preparation, examinations, or licensure for other states. Visit the Accreditation (<http://www.morainepark.edu/about-mptc/accreditation/#accreditation>) page for more details about accreditation.

Licensing Organizations: The American Registry of Radiologic Technologists (<https://www.arrt.org/>), State of Wisconsin Department of Safety and Professional Services (<https://dsps.wi.gov/Pages/Professions/RadiographerLicensed/Default.aspx>)

Clinicals and an Accrediting Outcomes Checklist are the exit assessment graduation requirement for the program.

Radiography Mission

To provide the medical community with entry-level radiologic technologists competent to perform diagnostic medical radiography, along with the ability to successfully complete the certification examination administered by the American Registry of Radiologic Technologists. Consistent with the institutional mission, the program is committed to the development of the student's educational and professional growth. These students shall utilize continuing education as a means of maintaining those skills. The program integrates both general and technical education to ensure that graduates can meet the multiple demands of rapidly changing technology in the medical field.

Program Effectiveness Data

In addition to the goals and student learning outcomes listed elsewhere on this site, the performance of the program is reflected through program effectiveness data as defined by:

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Program effectiveness data includes the program completion rate, credentialing examination pass rate and job placement rate. Explanations of these measures and program data that correspond with the annual report most recently submitted to the JRCERT are noted below. This information can also be obtained at <http://www.jrcert.org/resources/program-effectiveness-data> (<http://www.jrcert.org/resources/program-effectiveness-data/>). Questions about the program effectiveness data should be directed to the Program Director.

Moraine Park Technical College - Radiography Program's 2022 annual report to the JRCERT reflected the following:

Completion Rate - January 1 through December 31, 2022

This is an annual measurement of the number of students that actually completed the program divided by the number of students that began the program. The program's completion rate for 2022 was 92%. Accepted 13 students and 12 completed the program in 2022.

Credentialing Examination Pass Rate - 2018 through 2022

This is the number of students that pass the American Registry of Radiologic Technologists (ARRT) certification examination on the first attempt within six months of graduation from the program. The figure reflects an average over a five-year span. The program's credentialing examination pass rate stated as an average from the years 2018 through 2022 is 81%. Forty-seven of the fifty-eight graduates of this program taking the ARRT certification examination within six months of graduation passed on the first attempt.

Job Placement Rate - 2018 through 2022

This is the number of students that gain employment in the radiologic sciences within twelve months of graduation versus the number that graduate and are actively seeking employment. The figure reflects an average over a five-year span. The program's job placement rate as an average from the years 2018 through 2022 is 100%. Fifty-one of the fifty-one that passed the ARRT Boards obtained employment in the radiologic sciences within twelve months of graduation. The number of graduates vary from the credentialing exam pass rate to the job placement rate. Graduates who are not actively seeking employment are not included in this calculation. The JRCERT has defined not actively seeking employment as:

1. Graduate fails to communicate with program officials regarding employment status after multiple attempts,
2. Graduate is unwilling to seek employment that requires relocation,
3. Graduate is unwilling to accept employment due to salary or hours,
4. Graduate is on active military duty, and/or
5. Graduate is continuing education.

JRCERT Accreditation

- Clinical Education Information (<https://libs.morainepark.edu/docs/academic-affairs/program-information/radiography/clinical-education-information-accessible-2023.pdf>)
- Program Effectiveness Data (<https://libs.morainepark.edu/docs/academic-affairs/program-information/radiography/program-effectiveness-data-accessible-2023.pdf>)
- Radiography Program Handbook (https://apps.morainepark.edu/program-documentation/load.php?file=Radiography/Radiography%20Program%20Student%20Handbook.pdf&_gl=1*1gtdw08*_ga*MjExMDk4OTkzOC4xNjk4ODY5OTF0*_ga_HHD3T3FDLN*MTcwMTg5NzI4Mv400C4xLjE3MDE4OTg1NDguMC4wLjA.h)

Admission Process

Standard Admissions (<http://www.morainepark.edu/admissions/new-student/how-to-apply-for-admissions/>) steps details

This program also requires:

- Health Requirements
- Criminal Background Check

Petition Process (<http://www.morainepark.edu/academics/program-information/radiography-petition-process/>) Details: Students are *provisionally* accepted to the Radiography Program in "pre-core" status. When program ready, students go through the petition process.

Credit for Prior Learning

Earn college credit outside the classroom through Moraine Park's Credit for Prior Learning (CPL) opportunities. Credit opportunities are available for:

- Previous college coursework from prior institutions
- Military training and experience
- Passing of MPTC or national exams
- Skills or knowledge developed on the job or through other life experiences

Visit MPTC's Credit for Prior Learning (<https://www.morainepark.edu/academics/transfer-information/credit-for-prior-learning/>) page for more information.

Approximate Costs

Tuition

Occupational

- \$146.20 per credit (resident)
- \$219.30 per credit (out-of-state resident)

Associate of Arts/Associate of Science

- \$188.90 per credit (resident)
- \$283.35 per credit (out-of-state resident)

Online students are not charged out-of-state fees.

Student Fees

- \$4.50 minimum per course Material Fee
- \$12.50 per-credit Supplemental Fee for Undergraduate courses
- \$10 minimum per credit Online Course Fee (Fee suspended for 2023-2024)
- \$4.50 per term mandatory Student Accident Insurance Fee

Please refer to Tuition & Fee Information (<https://catalog.morainepark.edu/admissions-registration/tuition-fee-information/>) for additional enrollment fee information.

Financial Aid

Financial Aid is available for associate degree and technical diploma programs (those that are 2 semesters in length and typically with 28 credits or more). Processing can take 4-5 weeks after a student's completed Free Application for Federal Student Aid (FAFSA (<https://studentaid.gov/h/apply-for-aid/fafsa/>)) is received. Visit the Financial Aid (<https://www.morainepark.edu/pay-for-college/financial-aid/>) page to learn more.

While attending Moraine Park during the 2023-24 school year, your estimated cost of attendance for one full year includes tuition of \$4,375 (15 credits for fall and spring semester), fees of \$338, food and housing of \$4,052 (if living with parents, \$9,614 if living on your own), books and supplies of \$2,061, personal expenses of \$2,245, and transportation of \$2,007 for a total of \$15,161. Your direct costs (those costs paid directly to the college) include tuition & fees. The indirect costs (costs not paid to the college) can vary from individual to individual and your own personal needs.

Course Requirements

Course	Title	Credits
Clinical Admissions Requirements		
Petition Process - See Admission Process		
801-136	English Composition 1	3
804-107	College Mathematics	3
806-177	General Anatomy and Physiology	4
Credits		10
Semester 1		
526-149	Radiographic Procedures 1	5
526-158	Introduction to Radiography	3
526-159	Radiographic Imaging	3

526-168	Radiography Clinical 1	1
890-101	College 101	2
Credits		14
Semester 2		
103-159	Computer Literacy - Microsoft Office	1
526-191	Radiographic Procedures 2	5
526-192	Radiography Clinical 2	4
526-230	Advanced Radiographic Imaging	2
Credits		12
Spring/Summer 1		
526-193	Radiography Clinical 3	1
Credits		1
Semester 3		
526-194	Imaging Equipment Operation	3
526-195	Radiographic Image Analysis	2
526-199	Radiography Clinical 4	4
801-196	Oral and Interpersonal Communication	3
Behavioral Science Course (https://catalog.morainepark.edu/academic-programming/general-education/behavioral-social-science/)		3
Credits		15
Semester 4		
526-174	ARRT Certification Seminar	2
526-189	Radiographic Pathology	1
526-190	Radiography Clinical 5	4
526-197	Radiation Protection and Biology	3
526-231	Imaging Modalities	2
Social Science Course (https://catalog.morainepark.edu/academic-programming/general-education/behavioral-social-science/)		3
Credits		15
Spring/Summer 2		
526-198	Radiography Clinical 6	1
Credits		1
Total Credits		68

Program Outcomes

Upon successful completion of the program, students will be able to:

- Carryout the production and evaluation of radiographic images.
- Practice radiation safety principles.
- Provide quality patient care.
- Model professional and ethical behavior consistent with the A.R.R.T. Code of Ethics.
- Apply critical thinking and problem-solving skills in the practice of diagnostic radiography.

Program Goals

The Radiography Program has established goals and student learning outcomes in accordance with the Joint Review Committee on Education in Radiologic Technology Standards. The Moraine Park Radiography Program establishes benchmarks and utilizes a variety of tools to assess whether student learning outcomes are achieved. Examples of some tools are student assignments, exams and laboratory assessments. Some evaluations of technical skills and professional behavior include monthly evaluations, competency forms, employer and graduate exit surveys.

Goal

Students will perform competent radiography.

Student Learning Outcomes

1. Students demonstrate proper alignment position of the body part being radiographed.
2. Students will demonstrate use of adequate radiation protection on exams.

Goal: Students will communicate effectively.

Student Learning Outcomes

1. Students provide necessary patient management to ensure comfort, well-being, and safety of the patient.
2. Students communication/interaction with patients is appropriate.

Goal: The student strives to demonstrate critical thinking and problem-solving skills.

Student Learning Outcomes

1. Students demonstrate the ability to analyze the diagnostic quality of a finished radiograph.
2. Students demonstrates a critical thinking approach to problem solving in trauma scenario.

Goal: Students will develop professionally.

Student Learning Outcomes

1. Students will participate in the WAERT/WSRT student symposium.
2. Students demonstrate professional conduct at the clinical sites.

Goal: MPTC radiography program will be evaluated for effectiveness annually.

Student Learning Outcomes

1. Students will remain enrolled in the Radiography program.
2. Students will have a five-year credentialing examination pass rate.
3. Students will be employed following program completion.
4. Students will be satisfied with the MPTC Radiography program.
5. Students will be satisfied with clinical experiences.
6. Employers will be satisfied with the MPTC Radiography graduates.

Career Opportunities

- Radiologic Technologist
- Computed Tomography (CT) Technologist
- Mammography Technologist
- Magnetic Resonance Imaging (MRI) Technologist
- Interventional Radiology (IR) Technologist
- Management

Statewide Median Salary for Recent Graduates

\$50,363