

**MARQUETTE GENERAL HEALTH SYSTEM
SCHOOL OF RADIOGRAPHY**

- PROGRAM:** Medical Imaging Sciences - Radiography
- TYPE:** Post-Secondary - Hospital-based
- ACCREDITATION:** Joint Review Committee on Education in Radiologic Technology (JRCERT)
20 N Wacker Drive, Suite 2850
Chicago, IL 60606-3182
- 8 year award received by program
- DEGREE AWARD:** Associate Degree in Allied Health may be achieved from:
Northern Michigan University
Finlandia University
- LICENSURE:** Program completion is followed by a national registry examination for licensure.
American Registry of Radiologic Technology (ARRT)
1255 Northland Drive
St. Paul, MN 55120-1155
- STUDENT CAPACITY:** 16 First Year
16 Second Year
This is a limited enrollment program.
- PRE-REQUISITES:** Approximately 34/35 credits general education courses
- APPLICATION:** January 1 - May 1 (Annually)
- LENGTH:** 21 Months (3200 Clock-hours)
- OVERVIEW:** Marquette General Health System School of Radiography is a post-secondary educational program founded in 1979 that offers a learning opportunity in the Radiologic Sciences; which allows a graduate the ability to prosper as a professional entry-level radiographer or seek further advancement through the diverse opportunities in diagnostic imaging. MGHS School of Radiography is a five-semester, consecutive 21-month program divided into theory and clinical practicum components. Radiologic Science courses are completed at Marquette General Health System and general education courses through Northern Michigan University or Finlandia University. All students will complete 35/34 credit hours of general education prior to their first semester at Marquette General. A student's first two semesters of clinical practicum are completed at Marquette General Health System. A student's third through fifth semester clinical practicum is varied between Marquette General and affiliate teaching sites. **(Students may need to relocate for clinical internship during this time).** Program curriculum includes essential courses in anatomy and physiology, pathology, radiation physics, radiation biology and protection, patient care, radiographic procedures, diagnostic imaging equipment, imaging processes, cross-sectional imaging, and medical and legal ethics.

CLINICAL**AFFILIATIONS:**

Clinical practicum rotations will vary.
 MGHS, Marquette Radiology Associates, Orthopaedic Surgery Associates

Alpena General Hospital	Baraga County Memorial Hospital
Bell Hospital	Dickinsen County Healthcare System
Helen Newberry Joy Hosp	Mackinac Straits Hospital
Munising Memorial Hosp	Portage Health
Schoolcraft Memorial Hosp	

FACUTLY:

Faculty members are highly credentialed, active in the profession of Radiologic Sciences, hold leadership positions in state organization and national honor societies, and published in prestigious journals. This combination of strong academic credentials and professional experience allows our faculty to guide our students through a meaningful learning experience that will prepare them for an entry-level role in diagnostic imaging.

CONTACT**INFORMATION:**

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Marquette General Health System School of Radiography 420 W. Magnetic St. Marquette, MI 49855	(906) 225-4916 1 800 562-9753 ext. 4916 www.mgh.org/education/radsch
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PHYSICAL**LOCATION:**

Northern Michigan University
 2102 University Center
 Faculty offices: Room 2301 A Classroom: Room 2306

TUITION**EXPENSES:**

Tuition is paid per semester. Billing will be completed by NMU or Finlandia University. Tuition charges are evaluated periodically and are subject to change.

Item	Expense
Tuition	\$7,454.00/Year/NMU dependant
Textbooks/Lab fees	1,635.00 (total – 2 years)
Professional Societies	78.00
Lambda Nu Honor Society	25.00
Uniforms	250.00
Computer (laptop)/Printer	NMU /student provided
Graduation	University cost dependent
ARRT Licensure Exam	200.00

REFUNDS:

Tuition refunds are granted for students who withdraw from the program within specified time frames on the tuition refund schedule. The computed credit amount is credited to the student's account and all obligations are deducted. The balance is returned (prorated) to applicable payment sources. Any refund due to the student is issued by check.

FINANCIAL

AID:

Marquette General Health System School of Radiography is committed to making a quality education in the health professions available to all applicants. Our students participate in USDE Title IV financial aid. (94 percent of our students receive financial aid including: scholarships, grants, or loans)

ADMISSION

POLICY:

Marquette General Health System School of Radiography seeks to admit students who can provide evidence of potential to succeed in the health care profession of Radiologic Sciences. Applicants who meet all entrance criteria will be fully considered on an individual basis for admission.

The admission process is completed in four parts. An applicant must meet all application requirements/deadlines from Part I and Part II to participate in Part III. Admittance into the program is finalized by Part IV completion of a medical physical examination, performance standards, proof of immunizations, and a criminal background check.

Student selection is based upon a point system for the following application criteria: Community Service/Healthcare Experience, Supportive Course Cumulative GPA, and Interview.

The top sixteen cumulative scores representative of a good academic standing, motivation, dedication, adaptability, good interpersonal skills, and a discernable interest in others will be accepted into the program. In the event there are two or more applicants with the same point total, the highest GPA will be used to break the tie.

ADMISSION

PROCESS:

January 1 – May 1

Part I

Pre-requisite General Education Courses/Advisement Session.

An applicant must:

- 1) Have the academic skills that will allow enrollment in college level general education courses such as College Composition and College Algebra. This may require testing through an Academic Skills Assessment Program (ASAP) administered by a college or university.
- 2) Complete all pre-requisite general educational courses with a cumulative GPA of 2.5 or above by August of application year. A list of general education courses is located under Curriculum Schedule.
 - a. College Composition II, Human Anatomy, and Human Physiology must have a minimum grade of a C.
 - b. Human Anatomy and Human Physiology must have been completed within a ten-year period.
 - c. A higher-level course may be substituted for MA 104, LB, CH 105, CIS 110, HL 101.
 - d. Transfer courses will be evaluated by each university.

- 3) Attend an **Admission Advisement Session:**
 Admission advisement session attendance is required prior to job shadowing and submission of application. Advisement sessions will be held in the School of Radiography Program classroom (NMU University Center – Room 2306). Sessions are scheduled in 2-hour blocks. Program faculty will provide definitions and information on the role and advancements of a radiographer, program highlights, program operations, and the application process. Attendance will award an attendee a certificate of completion that must accompany the application as an attachment.

Advisement Session Dates:

May 14, 2010	10:00 am to 12:00 pm
October 8, 2010	10:00 am to 12:00 pm
February 12, 2011	10:00 am to 12:00 pm
May 13, 2011	10:00 am to 12:00 pm

To schedule your attendance at an advisement session please contact the School of Radiography at (906) 225-4916. You must pre-register to attend.

Part II

Submission of application materials.

An applicant must submit the following by **May 1:**

- 1) A completed official program application/attachments.
 - a. Advisement Session certificate
 - b. Letter of Introduction/Intent
 - i. Maximum 3 pages
 1. Short autobiography (life experiences, hobbies, aspirations)
 2. Reasons for selecting Radiography as a future career
 3. Future short and long term goals
- 2) Official transcripts of all college courses. (Official transcripts must be mailed directly from the providing institution).
- 3) Documentation of at least 3 hours of job shadowing in a Diagnostic Imaging Department.
 - a. Documentation must be completed by a Diagnostic Imaging Department manager or supervisor (alternate facility)
 - b. Documentation may be completed by MGHS School of Radiography
 - i. Schedule a job shadow at MGHS (906) 225-4916

Part III

Admission Committee Interview.

An applicant completing Part I and Part II will then be invited to:

- 1) Participate in a personal interview with the Admissions Committee
 - a. Interviews will be conducted the third week of May.

Application Point Award Criteria

All applicants will be evaluated equitably according to the following point-award system. The highest-ranking applicants will be notified of acceptance into the program.

Community Service/Healthcare Experience

1 year or more	7 points	10-14 hours	3 points
6 months or greater	6 points	6-9 hours	2 points
20 or more hours	5 points	5 hours	1 point
15-19 hours	4 points		

Supportive Course Cumulative GPA
(College Composition II, Human Anatomy, Human Physiology, College Algebra)

3.8-4.0	7 points	3.0-3.19	3 points
3.6-3.79	6 points	2.8-2.99	2 points
3.4-3.59	5 points	2.7-2.79	1 point
3.2-3.39	4 points		

Interview

Motivation	1-3 points	3 questions
Dedication	1-3 points	3 questions
Managing Change	1-3 points	3 questions
Accountability	1-3 points	3 questions
Interpersonal Skills	1-3 points	6 sections
Total/interviewer	50 points	

Applicants will receive notification of their acceptance into the program by formal letter in June. Information in regards to program entrance status is mailed to the last address provided. It is the student's responsibility to maintain current contact information. A student that cannot be reached will forfeit their position of acceptance.

Applicants, who are not selected in the initial round, are ranked highest to lowest according to their total award points and assigned alternate status. Alternates are offered enrollment in ranked order if a selected candidate declines admission or does not qualify based on health status or criminal background search. Alternate status terminates when the new school year begins in August. Those wishing to be considered for the following year must reapply. MGHS School of Radiography does not maintain an applicant waiting list.

Part IV

Health Status and Criminal Background Check.

Only those applicants accepted into the program complete Part IV of the Admission Process. This includes: a health examination, immunizations, performance standards, a criminal background check, and completion of the required forms of documentation.

Please be advised: The cost of the health examination and immunizations is the responsibility of the student. (Healthcare services may be available at your local health department or university health center).

Enrollment into and graduation from the Radiography Program is contingent upon an accepted candidate's demonstration of the health requirements listed below.

Health Status:

The following forms and supporting information are to be completed with authorized signatures. A student may use the Student Checklist for more information.

1. Immunizations. Please provide a copy of your immunization record.
2. Hepatitis B. Please provide a copy of your Hepatitis B vaccination series completion or declination.
3. TB skin test. Please provide a copy of your TB skin test results.

4. Professional Standards. Please read and discuss with your physician or healthcare provider. Student and healthcare provider must sign in respective areas.

Criminal Background Check:

For the protection of patients, employees, and the Health System, it is the policy of MGHS to secure a criminal background check on all students if their clinical rotation exceeds 120 hours. Each student will complete and sign a Disclosure/Consent form. This completed form is to be returned to the program office with the Student Health Certification form by August 1. Criminal Background Checks will be completed at no cost to the student.

Please be advised: Conviction of a crime may affect a student's eligibility for licensure by the American Registry of Radiologic Technology (ARRT). Any student with a conviction record is advised to contact the American Registry of Radiologic Technologists at 615.687.0048 or at www.arrt.org in regards to their ability to complete the licensure registry examination upon completion of the program.

**GENERAL
INFORMATION:**

BLS/AED:

Students will complete a BLS/AED certification course **prior to program entry**. Students may complete a BLS course through MGHS at no cost. To schedule a course a student must register through the Education Department at MGHS (906) 225-3470. A copy of the student's certification card must be provided by the first day of orientation.

Orientation:

Students will complete a program orientation in August, at which time they will receive the student handbook, clinical portfolio, and all pertinent information pertaining to the program.

Students completing their clinical practicum for semesters three through five will complete an orientation for their affiliate clinical site at that site.

Student Services:

All students are eligible to use academic services at Northern Michigan University, Finlandia University, and Marquette General Health System.

Program Operations:

Academic calendars, grading, policies, and graduation requirements are located on our web site, course syllabi, or the student policy manual.

Didactic Instruction:

Didactic instruction is provided by physical or distance classroom attendance. Students completing their 3-5 semester clinical practicum have the option to attend class by teleconferencing or the virtual classroom.

Continuity of learning to distant students will be provided by:

1. Hard packet copies – handouts, reference material, assignments, quizzes, and tests will be provided through health systems courier, US mail, or fax

2. Quizzes and tests will be proctored by the affiliate clinical instructor or designated replacement
3. Electronic quizzes, tests, or student grades are student selected password protected
4. Faculty check-ins and tutorials to facilitate one-on-one interaction will be facilitated by telephone, e-mail, blogs, wikis, or discussion groups
5. Didactic lecture will be provided by teleconferencing
6. Teleconferencing difficulties will be addressed by using Skype
7. Additional e-learning systems such as the Accordant System, pod casts, and DVDs will be used

Students completing an RAD course through distance learning will not be charged an additional fee.

Students completing an RAD course through distance learning will be reviewed on the same grading scale as those students present.

Students completing an RAD course through distance learning will be provided a course/instructor evaluation. Course/instructor evaluations are completed electronically.

Distance students have the right to attend didactic lecture at any time they feel appropriate in the Program classroom.

Program publications – application packet, web site, public relations articles, and the student policy manual will advise applicants/students of the availability of distance learning. In addition, university advisors and program faculty will be available to answer student concerns.

Program faculty, by assessing how existing tools may be used to develop effective distance learning strategies will provide students in distance learning the resources to achieve an equitable educational experience.

Clinical Practicum Schedule:

Clinical practicum rotation times will vary with the appointed clinical procedure room schedule. A student will complete 2176 hours in the clinical practicum. Approximately 7.3% of the total clinical hours will be completed on the weekends and/or evening hours (3:00 – 11:00 pm).

Academic and Clinical Performance:

A student's academic and clinical performance will be evaluated at the end of each semester. To remain in good standing, an 80% or higher must be maintained in each academic course and an 83% or higher must be maintained in the clinical educational component (clinical practicum portfolio). Students failing to achieve these benchmarks will be placed on probation with remediation. If the student fails remediation or is placed on probation for a second course while in remediation they will be reviewed for continuance in the program. Failure to raise scores to acceptable level will result in dismissal.

Program Completion:

Requirements for graduation are as follows:

All academic assignments must be complete.

All clinical competency requirements must be complete.

All clinical education requirements and documentation must be complete.

Students must maintain a minimum average of 80% in each academic course.

Students must maintain a minimum average of 83% in each clinical practicum.

Students must complete a comprehensive final exam with an 80% or higher.

All tuition and fees must be paid in full.

Eligibility to write the ARRT examination is subject to review by the Program Director and Clinical Education Coordinator.

Student Transportation:

Students must provide their own transportation to didactic and clinical practicum sites.

Students accepted into the program must agree in writing to abide by all didactic and clinical policies. Failure to comply with program policies may result in dismissal from the program. Clinical attendance and other program policies can be reviewed in the Student Policy Handbook or Clinical Practicum Portfolio located under each titled section.

Marquette General Health System
School of Radiography
Faculty members
Admission Committee

Revised 4/10