### Program Overview

Biological and Health Sciences division  
Room C140, (847) 543-2042

### MEDICAL IMAGING

(Associate in Applied Science) Plan 21MI

#### Summer Session One  
- BIO 244 Anatomy and Physiology I  
  - 4 hours

#### Fall Semester One  
- BIO 245 Anatomy and Physiology II  
  - 4 hours
- MIM 110 Introduction to Medical Imaging  
  - 3 hours
- MIM 111 Radiographic Anatomy and Positioning I  
  - 5 hours
- MIM 112 Principles of Radiographic Exposure  
  - 3 hours
- MIM 170 Introduction to the Clinical Education Center  
  - 1 hour

#### Spring Semester One  
- ENG 121 English Composition I  
  - 3 hours
- MIM 113 Radiographic Anatomy and Positioning II  
  - 5 hours
- MIM 114 Clinical Practice I  
  - 3 hours
- PSY 121 Introduction to Psychology  
  - 3 hours

#### Summer Session Two  
- MIM 115 Clinical Practice II  
  - 3 hours
- MIM 116 Advanced Radiographic Procedures I  
  - 1 hour

#### Fall Semester Two  
- MIM 210 Technical Aspects of Patient Care  
  - 2 hours
- MIM 211 Imaging Equipment  
  - 6 hours
- MIM 212 Clinical Practice III  
  - 3 hours
- CMM 121 Fundamentals of Speech or Dynamics of Small Group Discussion or CMM 123 Interpreting Practices  
  - 3 hours

#### Spring Semester Two  
- MIM 214 Advanced Topics in Radiography  
  - 6 hours
- MIM 215 Clinical Practice IV  
  - 3 hours
- MIM 216 Computer Imaging  
  - 2 hours
- CMM 127 Intercultural Communication  
  - 3 hours
- HUM 127 Critical Thinking  
  - 3 hours

#### Summer Session Three  
- MIM 271 Clinical Practice V  
  - 3 hours

**Total Hours for A.A.S. Degree**  
- 72 hours

### MAGNETIC RESONANCE IMAGING

(Certificate) Plan 21MR

The Magnetic Resonance Imaging (MRI) certificate prepares radiographers to work in medical facilities as MRI technologists. Graduates of the program are qualified to take the national MRI certification examination given by the American Registry of Radiologic Technologists. The lecture portion of the courses is taught online.

**Fall Semester (odd years)**  
- MIM 251 MRI Physics and Instrumentation  
  - 3 hours
- MIM 253 MRI Procedures  
  - 2 hours
- MIM 272 MRI Practicum*  
  - 3 hours

**Spring Semester**  
- MIM 255 MRI Sectional Anatomy and Pathology  
  - 4 hours
- MIM 272 MRI Practicum*  
  - 3 hours

**Total Hours for Certificate**  
- 15 hours

### COMPUTED TOMOGRAPHY

(Certificate) Plan 21MT

The Computed Tomography (CT) certificate prepares radiographers to work in medical facilities as a CT Technologist. Graduates of the program are qualified to take the national CT certification examination given by the American Registry of Radiologic Technologists (ARRT). The lecture portion of the courses is taught online.

**Fall Semester (even years)**  
- MIM 252 CT Physics, Instrumentation, and Procedures I  
  - 3 hours
- MIM 256 CT Sectional Anatomy and Pathology I  
  - 3 hours
- MIM 273 CT Practicum I*  
  - 2 hours

**Spring Semester**  
- MIM 254 CT Physics, Instrumentation, and Procedures II  
  - 3 hours
- MIM 258 CT Sectional Anatomy and Pathology II  
  - 3 hours
- MIM 274 CT Practicum II*  
  - 2 hours

**Total Hours for Certificate**  
- 16 hours

* The Practicum has been designed to be flexible and accommodate a variety of schedules. Actual clinic days and hours will be determined by the student and the instructor.

### Typical Jobs

- Radiologic Technologist
- Magnetic Resonance Imaging (MRI) Technologist
- Computed Tomography (CT) Technologist
- Mammographer
- Interventional Technologist

### Salary and Job Outlook

For the latest information, visit [www.mynextmove.org](http://www.mynextmove.org) or the Bureau of Labor Statistics online at [www.bls.gov](http://www.bls.gov).

### Employers

- Hospitals
- Acute care centers
- Physicians' offices
- Diagnostic imaging centers
- Outpatient centers
- Surgery centers

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- MIM 115 Clinical Practice II  
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  - 2 hours
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  - 6 hours
- MIM 212 Clinical Practice III  
  - 3 hours
- CMM 121 Fundamentals of Speech or Dynamics of Small Group Discussion or CMM 123 Interpreting Practices  
  - 3 hours

#### Spring Semester Two  
- MIM 214 Advanced Topics in Radiography  
  - 6 hours
- MIM 215 Clinical Practice IV  
  - 3 hours
- MIM 216 Computer Imaging  
  - 2 hours
- CMM 127 Intercultural Communication  
  - 3 hours
- HUM 127 Critical Thinking  
  - 3 hours

#### Summer Session Three  
- MIM 271 Clinical Practice V  
  - 3 hours

**Total Hours for A.A.S. Degree**  
- 72 hours

### MAGNETIC RESONANCE IMAGING

(Certificate) Plan 21MR

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**Fall Semester (odd years)**  
- MIM 251 MRI Physics and Instrumentation  
  - 3 hours
- MIM 253 MRI Procedures  
  - 2 hours
- MIM 272 MRI Practicum*  
  - 3 hours

**Spring Semester**  
- MIM 255 MRI Sectional Anatomy and Pathology  
  - 4 hours
- MIM 272 MRI Practicum*  
  - 3 hours

**Total Hours for Certificate**  
- 15 hours

### COMPUTED TOMOGRAPHY

(Certificate) Plan 21MT

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  - 3 hours
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### Employers

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- Diagnostic imaging centers
- Outpatient centers
- Surgery centers
Radiologic Technologist

Radiologic Technologists perform radiographic examinations that create the images needed for diagnosis. Radiography integrates scientific knowledge and technical skills with effective patient interaction to provide quality patient care and useful diagnostic information [www.asrt.org](http://www.asrt.org).

Work Environment

Radiologic Technologists work in Radiology departments at hospitals, acute care centers, imaging centers and doctors offices. Duties may include performing radiographic examination in the emergency department, the operating room, the intensive care unit, the nursery and the patient rooms.

Career Opportunities

There are additional career opportunities that are available after completing this program. Radiologic Technologists can further specialize in Computed Tomography (CT), Magnetic Resonance Imaging (MRI), Nuclear Medicine, Radiation Therapy, Mammography, Interventional Radiography, Cardiovascular Radiography, and Sonography (Ultrasound). Radiologic Technologists can also further their careers in education, sales, management and Picture Archiving Communication Systems (PACS) administration.

About This Program

This is a full-time, 2-year program offered primarily during the day. The program begins in August. Application deadlines are the first Wednesday of March. Students attend five days a week and will either be taking classes at the Grayslake campus or attending a clinical affiliation.

The Medical Imaging Program prepares radiographers to work in medical facilities producing radiographic images which are interpreted by a radiologist or another medical specialist. Graduates of the program are qualified to take the national certification examination given by the American Registry of Radiologic Technologists. Graduates also meet the additional criteria required for state licensure.

Attend an Info Session

The first step is to attend an info session. Call (847) 543-2042 or visit [www.clcillinois.edu/infosessions](http://www.clcillinois.edu/infosessions) for dates, times and locations.

Getting Started

View the program requirements at [www.clcillinois.edu/programs/mim/getting-started](http://www.clcillinois.edu/programs/mim/getting-started).

The MIM program is a limited enrollment program; we have more applicants than seats. On average we have 90 applicants and accept about 25 students. Therefore, a screening procedure is used to select the academically best qualified from those who request consideration.

For Program Entrance Requirements, visit [www.clcillinois.edu/admission](http://www.clcillinois.edu/admission) for steps on how to register.

Program Accreditation

The Medical Imaging program is nationally accredited by the Joint Review Committee on Education in Radiologic Technology. Visit [www.jrcert.org](http://www.jrcert.org).

Contact Info

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Biological and Health Sciences  
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Student Experiences

“When you’re able to compile your passions for anatomy, physiology and what medical imaging can do for people, it’s a powerful feeling and you know you’re in the right place.”  
- Dani Squires

“I really like anatomy and the opportunity to see new things in radiography. It’s a program with a lot of hands-on training—Different scenarios, different problems and different ways to take similar x-rays.”  
- Salima Kapadia

“The most rewarding aspect of medical imagining is working with patients and knowing that my images could possibly help a radiologist make life-saving decisions.”  
- Rob Kniskern

“The instructors want you to succeed and it shows.”  
- Dawn Fontaine

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Per 2015-2016 catalog  
The College of Lake County is an Equal Opportunity Employer meeting Title IX requirements.  
[www.clcillinois.edu/nondiscrimination](http://www.clcillinois.edu/nondiscrimination).