



# ASSOCIATE OF APPLIED SCIENCE

MIDWESTERN CAREER COLLEGE DEGREE PROGRAMS

Education programs in high-growth, high-demand areas in diagnostic medicine.  
 Clinical externship at Chicago area hospitals and medical centers.  
 OPT authorization available after program completion.



**Magnetic Resonance Imaging (MRI) Technology**



**Diagnostic Medical Sonography (DMS)**



**Noninvasive Cardiovascular Sonography (NICVS)**



**MRI**

**Length** 80 Weeks/5 Terms  
**Tuition** \$34,600\*  
**Books** \$995 - \$1,375  
**Externship** 1,000 Hrs

**Certifications** ARRT/ARMRIT/NCCT/AMT



**DMS**

**80 Weeks/5 Terms**  
**\$34,600\***  
**\$939 - \$1,484**  
**380 Hrs**

**ARRT/ARDMS**



**NICVS**

**80 Weeks/5 Terms**  
**\$30,600\***  
**\$708 - \$1,105**  
**450 Hrs**

**ARDMS/CCI**

## MIDWESTERN CAREER COLLEGE

**Main Campus**  
 100 S. Wacker Dr., LL 1-50 Chicago, IL 60606

**Campus Extension**  
 203 N. LaSalle St., Chicago, IL 60601

312. 236.9000 | MCCCollege.edu

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\*Payment plans available. See catalog for full pricing details.

## ASSOCIATE OF APPLIED SCIENCE (AAS) DEGREE PROGRAMS

MCC offers three AAS degrees in quickly growing, high-paying diagnostic medicine fields. Through rigorous academics, hands-on lab work, and an extensive externship, these programs prepare students for a fruitful career in medical diagnostics.

Are you looking for an exciting and rewarding career in quickly growing, in-demand diagnostic healthcare field? MCC's Associate of Applied Science Degrees are a great choice both for students new to the medical profession and for those looking to advance their current healthcare career. Through relevant coursework, hands-on labs, and extensive clinical externship, these programs prepare students for successful careers in diagnostic imaging.

### MRI TECHNOLOGIST

AAS in Magnetic Resonance Imaging (MRI) Technology



What is MRI?

Magnetic resonance imaging uses a powerful magnetic field, radio waves, and a computer to produce detailed pictures of organs, soft tissues, bone, and virtually all other internal body structures. The images can then be examined on a computer monitor or printed. MRI has become a vital tool in medical imaging today. Technicians use detailed images to allow physicians to better diagnose certain diseases that may not be assessed adequately through other methods, such as x-ray, ultrasound, or computed tomography.

Certifications:

- Registered MRI Technologist by the **American Registry of Radiologic Technicians (ARRT)**
- Certified MRI Technologist by the **American Registry of Magnetic Resonance Imaging Technologists (ARMRIT)**
- National phlebotomist certifications from the **National Center for Competency Testing (NCCT)** and **American Medical Technologist (ARRT)** (requires additional draws)

MRI Technicians:

- Conduct patient interviews
- Operate MRI scanners
- Select appropriate imaging techniques or coils to produce required images
- Inspect images for quality, using magnetic resonance scanner equipment, & laser cameras

### DMS

AAS in Diagnostic Medical Sonography (DMS)



What is Diagnostic Medical Sonography?

Diagnostic medical sonography utilizes high-frequency sound waves that produce images of organs, tissues and blood flow inside the body that help doctors reach a diagnosis. Sonographers typically work closely with patients and radiologists in hospitals, diagnostic medical centers, mobile ultrasound companies, medical clinics and physician's offices.

Certifications:

- Sonography certification from the **American Registry of Radiologic Technicians (ARRT)**
- Certain educational and experiential pathways, including ARRT certification, may be available for sonography (**RDMS**) certification from the **American Registry of Diagnostic Medical Sonographers (ARDMS)**

Diagnostic Medical Sonographers:

- Monitor, adjust & operate ultrasound equipment
- Summarize technical data to present to physicians
- Observe & care for patients throughout examinations

### NICVS

AAS in Noninvasive Cardiovascular Sonography



What is Noninvasive Cardiovascular Sonography?

Cardiovascular sonographers use non-invasive cardiovascular technology to assist in the diagnosis and treatment of patients with heart and blood vessel conditions. Cardiovascular sonographers perform echocardiograms, known as ultrasound imaging, to evaluate different aspects of the heart, such as chamber size, valve function and blood flow. They work with physicians, using technology to help assess patients and their conditions.

Certifications:

- Certified Cardiographic Technician from **Cardiovascular Credentialing International (CCI)**
- Certain educational and experiential pathways may be available for sonography (**RDMS**) certification from the **American Registry of Diagnostic Medical Sonographers (ARDMS)**

Cardiovascular Sonographers:

- Operate cardiovascular ultrasound equipment
- Perform Holter monitoring
- Run diagnostic tests such as stress tests & EKG/ECG