



ASSOCIATE OF APPLIED SCIENCE IN NON-INVASIVE CARDIOVASCULAR SONOGRAPHY

Non-invasive cardiovascular sonography (NICVS) is a vital tool in medical imaging, and through our program, you can prepare for an exciting and rewarding career in this in-demand diagnostic healthcare field. Our program is a great choice both for students new to the medical profession and for those looking to advance their current healthcare career.



Dedicated
Faculty



Experienced
Career Services

PROGRAM INFO

Length: **80 Weeks/5 Terms**

Semester Credit Hours: **78**

Clock Hours: **1,680**

Tuition: **\$29,400 (\$7,350/Term)***

Format: **Face-to-face**

INDUSTRY CERTIFICATIONS

Cardiographic Technician: CCT from CCI

Sonography Principles and Instrumentation: SPI from **ARDMS** after completion of physics and instrumentation courses

Cardiac Sonography: Pathway to Registered Cardiac Sonographer (**RCS**) certification from CCI, with completion of 800 hours of clinical experience

Pathways to Registered Diagnostic Cardiac Sonographer (**RDCS**) from **ARDMS**, with completion of 735 hours of clinical experience

EXTERNSHIP

450 Hours

CAMPUS

Chicago
Main Campus

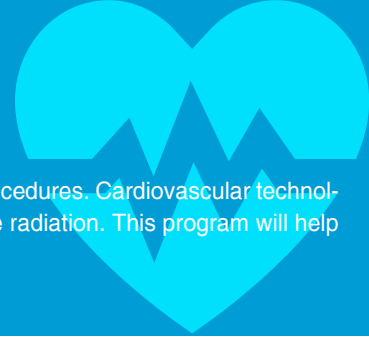
*Financial aid available to those who qualify. Payment plans available. See catalog for full pricing details.

MIDWESTERN CAREER COLLEGE
(312) 236 9000 | MCCollege.edu

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As imaging technology evolves, medical facilities will continue to use ultrasound to replace more invasive, costly procedures. Cardiovascular technologists will continue to be needed in healthcare settings to provide an alternative to imaging techniques that involve radiation. This program will help prepare you for this exciting career in medical diagnostics.



What is Non-Invasive Cardiovascular Sonography?

Cardiac sonographers, or echocardiographers, use non-invasive cardiovascular technology equipment 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.



NON-INVASIVE CARDIOVASCULAR SONOGRAPHERS

- Operate cardiovascular ultrasound equipment
- Perform Holter monitoring
- Run diagnostic tests such as stress tests and EKG/ECG
- Conduct pre-examination and examination assistance
- Practice patient care procedures in the cardiac field

INDUSTRY CERTIFICATIONS

- **Certified Cardiographic Technician** from Cardiovascular Credentialing International (CCI)
- **Sonography Principles and Instrumentation (SPI)** from the American Registry for Diagnostic Medical Sonography (ARDMS)
- Certain educational and experiential pathways may be available for **Sonography (RDCS AE)** certification from the American Registry for Diagnostic Medical Sonography (ARDMS).

There is no mandatory requirement that cardiac sonographers hold a license in the states of Illinois, Wisconsin or Indiana to practice. Professional certification is generally required to qualify for employment in most clinical settings.

EXTERNSHIP

Students of this program are required to complete a 450-hour externship at an MCC-affiliated externship site. Through externship, you can:

- Put into practice what you're taught in the classroom
- Gain real-world patient care experience
- Build your resume to be more competitive
- Become more employable
- Grow your professional network

CAREER OUTLOOK

According to the Bureau of Labor Statistics, diagnostic imaging worker employment is expected to grow by 17% from 2016–2026. Learn more at <http://www.bls.gov/ooh/healthcare/diagnostic-medical-sonographers.htm>.

CATALOG

The Midwestern Career College catalog can be found online at MCCCollege.edu/catalog.

CURRICULUM HIGHLIGHTS*

Cardiology I and II
Cardiology Lab
Introduction to Echocardiography
Echocardiography Protocol I, II and III
Cardiac Hemodynamic
Systolic & Diastolic Functions
Systolic & Diastolic Functions Lab
Cardiac Diseases
Ultrasound Physics & Instrumentation I and II
Echo Modalities and NICVS Review Course
Echo Externship

*Curriculum is subject to change. See catalog for current course offerings.

ABOUT MIDWESTERN CAREER COLLEGE

MCC's mission is to provide premier career-focused education to empower students with academic training, technical expertise and professional support to launch or advance their successful careers.

Established in 2004, MCC has locations in downtown Chicago, Naperville and Blue Island and is accredited by the Commission of the Council on Occupational Education (COE).*

*See disclaimer for full contact information.

ADMISSIONS OFFICE

- **Chicago** (Main Campus) 20 North Wacker Dr., Ste. 3800
Chicago, IL 60606 | 312.236.9000

Contact Us    

312.236.9000 | admissions@MCCCollege.edu | MCCCollege.edu

