

Program Admission Information

The Cardiovascular program admits one class annually with courses beginning the first week of January. While competitive, we admit the most qualified applicants annually. Interviews are held in September & October. Upon acceptance, applicants need proof of hospital-required vaccinations and CPR certification.

Two Pathways:

- **12-month pathway:** Patient-centered care degree or certification in fields such as radiologic technology, nursing, respiratory therapy, CNA, RN or practitioner.
- **15-month pathway:** Entry level, no prior patient experience

Qualifications and Application Process

Applicants must:

1. Have a high school diploma.
2. Complete prerequisite coursework with a letter grade of "C" or higher:
 - Human Anatomy and Physiology I with Lab
 - Human Anatomy and Physiology II with Lab
 - Physics 1
 - Statistics or Algebra
 - Medical Terminology

Submit all required documents by the first Friday in September.



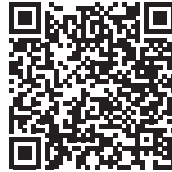
Interested in applying to the Diagnostic Cardiovascular Sonography program?

For More Information

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Scan QR code to learn more about the Memorial Hospital Diagnostic Cardiovascular Sonography Program.

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Diagnostic Cardiovascular Sonography Program

Launch a rewarding career in a high-demand field.



Sonographer Skills

Diagnostic cardiovascular sonographers are at the forefront of patient care, requiring a blend of technical skill, compassion and critical thinking.

Successful sonographers possess:

- **Verbal communication:** Clearly instruct patients, build rapport.
- **Visual assessment:** Observe patient condition, interpret images.
- **Physical stamina:** Maneuver equipment (beds, stretchers, wheelchairs), perform chest compressions, lean, push and pull.
- **Manual dexterity:** Operate transducers, handle sterile items.
- **Professionalism:** Interact respectfully with patients, colleagues and staff.
- **Written communication:** Accurately document findings.
- **Aural acuity:** Respond to patient voices, alarms and critical codes.

Important Note: The physical demands of this role are significant. If you have concerns about meeting these standards, please discuss them with the program director.

Entry-Level Sonographers

Entry-level sonographers are trained across three key learning domains for both adult cardiac and vascular sonography:

- **Cognitive (Knowledge):** Mastering ultrasound physics, anatomy, physiology, pathology and interpreting findings
- **Psychomotor (Skills):** Expertly performing procedures, operating equipment and acquiring diagnostic-quality images.
- **Affective (Professional Behavior):** Demonstrating ethical conduct, effective communication, responsibility and teamwork.

Diagnostic Cardiovascular Sonography Program

This program is designed to create highly skilled, ethical and patient-centered cardiovascular sonographers.

Program Structure

This is an intense 12-15 month program, requiring full-time commitment (40 hours/week in class, scan lab or clinic). We recommend working no more than 16 hours per week while enrolled.

Our key goals include:

- **High-quality education:** Deliver comprehensive didactic instruction and immersive clinical training in a hospital-based setting.
- **Clinical proficiency:** Prepare students to perform accurate, efficient echocardiographic and vascular sonographic examinations in diverse clinical environments.
- **Professionalism & ethics:** Instill strong foundations in professional behavior, ethical practice, and compassionate patient communication.
- **Critical thinking:** Develop students' ability to assess situations, adapt to patient needs, and make sound diagnostic judgments.
- **Career readiness:** Ensure seamless transition into full-time sonography roles upon graduation.
- **Certification & growth:** Support eligibility for CCI or ARDMS certification and encourage lifelong professional development.

Program Outcomes

Upon completing the program, graduates will be able to:

- Identify appropriate indications for cardiac and vascular ultrasound exams.
- Obtain pertinent patient histories and vital signs.
- Acquire and identify standard views for echocardiography and vascular diagnostic exams.
- Apply knowledge of cardiac and vascular pathology to produce complete, disease-specific tailored exams.
- Demonstrate exemplary patient care and professionalism in all settings.

Commitment to Accreditation

The Diagnostic Cardiovascular Sonography Program is actively pursuing accreditation by the Commission on Accreditation of Allied Health Education Programs (CAAHEP). We are diligently completing all required steps, including curriculum development and clinical site affiliation.

Accreditation ensures the program graduates meet the requirements for ARDMS or CCI certification. We will keep all prospective and current students informed of the accreditation progress.

