

DIVISION OF ALLIED HEALTH AND PROFESSIONS

Echocardiography

Make your opportunity.

Echocardiography is a specialized ultrasound practice that is applied to the human heart. Cardiac Sonographers possess the academic and clinical preparation necessary to perform echocardiography exams under the supervision of a qualified physician.

Skilled Cardiac Sonographers have a detailed knowledge of the anatomy and physiology of the heart. They're also able to properly study its echogenic appearance as it is presented as a 2-D image, as well as having the scanning techniques needed to obtain clear and readable images.

What does it take to succeed in this field?

If you're a caring, driven and motivated individual seeking to be an integral part of the team that helps drive overall care and wellness for patients, this is the career for you.

What careers will this degree prepare you for?

Cardiac Sonographers enjoy plenty of public and private employment opportunities. While hospitals are usually the primary employers of choice, there are also positions available at medical clinics, diagnostic imaging centers and doctor's offices.

What are the admission requirements?

Trocaire College evaluates students using a holistic admissions review approach, which gives them the best opportunity to highlight their strengths and potential for success in our Imaging programs. Students are evaluated based on academic metrics, experience and personal attributes.

- Candidates for admission to this program must be a graduate of a patient-facing Allied Health/Life Sciences program with an A.A.S., B.S. degree or diploma*
- Minimum of 3.0 cumulative average
- Official transcripts from all high schools and colleges and/or universities attended

*Diploma graduates: Transcripts will be reviewed to determine compliance with academic requirements

National average earnings are \$64,280, while the Western New York earnings are \$69,890.

Contacts:

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Echocardiography: Curriculum

Degree Levels: Certificate Program

Time to Completion: 12 Months

Time of Program: Evening classes/Day clinical

Mode of Delivery: On-site/Seated

Semester 1

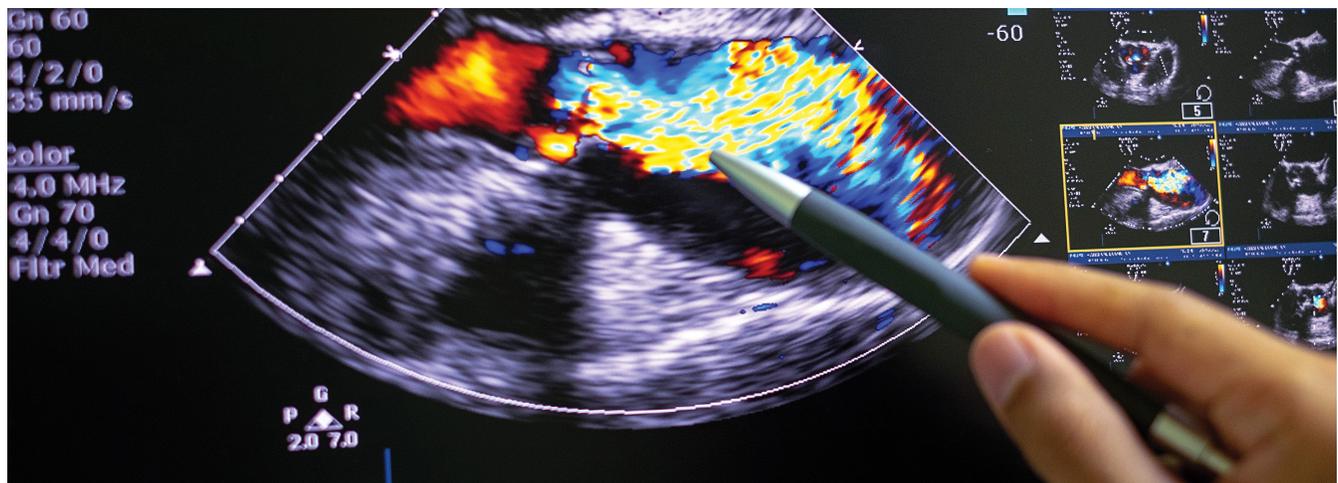
Physics of Ultrasound I
Introduction to Echocardiography
Echocardiography I
Echocardiography College Laboratory I
Echocardiography Principles and Instrumentation
Anatomy and Physiology of the Heart
Echocardiography Clinical Practicum I

Semester 2

Physics of Ultrasound II
Echocardiography II
Seminar/Research Course
Seminar/Research Course
Pathology of the Heart
Echocardiography Clinical Practicum II

Semester 3

Echocardiography Clinical Practicum III



In the next decade, employment is expected to grow by 24% due to the evolution of imaging technology.

In keeping with the mission, values and traditions of Trocaire College, all students **must complete at least one (1) Mercy Action Project learning experience prior to graduation.** MAP is a tuition-free, non-credit, value-added, co-curricular learning experience that provides service opportunities that integrate the College's mission through an action-reflection approach connecting service to your career path.

Immunizations/Physicals: Updated medical records from within one year of the start of the program are required and are to be submitted prior to the start of the semester.

Technical standards for the profession can be found on the College's website and should be reviewed by all interested students: <https://trocaire.edu/program-technical-standards/>

Cardiopulmonary Resuscitation (CPR) certificate is required prior to clinical experiences.