

Cardiovascular Technology – Echocardiography



Associate Degree

PROGRAM CODE: 10-521-2



COURSE	CREDITS
BIOSCI-177 General Anatomy and Physiology ‡ ^	4
ENG-195 Written Communication ‡ (or) ENG-201 English 1 ‡	3
PSYCH-199 Psychology of Human Relations (or) Any 200-level PSYCH course	3
SOCSCI-172 Introduction to Diversity Studies (or) Any 200-level SOCSCI course	3
DMS-200 Introduction to DMS ‡	3
DMS-221 Sonography Physics 1 ‡	3
CVTECH-115 Essentials of Cardiac Care 1 ‡ ^	4
CVTECH-102 Introduction to CVT ‡ ^	2
CVTECH-110 EKG Analysis ‡ ^	2
CVTECH-118 Echocardiography Basics ‡	3
ENG-197 Technical Reporting ‡ (or) Any 200-level ENG or SPEECH course	3
CVTECH-121 Echo Clinical Procedures ‡	2
CVTECH-144 Advanced Echo Practicum ‡	3
CVTECH-145 Echocardiography Fundamentals ‡	4
CVTECH-149 Echocardiography Clinical Experience 1 ‡	2
DMS-222 Sonography Physics 2 ‡	2
ELECTIVES (Two credits)	2
CVTECH-142 Echo Case Review ‡	3
CVTECH-195 Echocardiography Clinical Seminar ‡	2
CVTECH-196 Echocardiography Clinical Experience 2 ‡	4
CVTECH-197 Echocardiography Clinical Experience 3 ‡	4

Location: Downtown Milwaukee Campus

Start Dates: January

Admission Requirement: High school diploma or GED, and one year of high school-level biology, chemistry and algebra required. Program admits students through a petition selection process. See program’s webpage at matc.edu to view all requirements.

Transfer: Will transfer to one or more four-year institutions

Financial Aid Eligible: Yes.

Apply at fafsa.gov. Use School Code 003866.

Program Description

Learn to perform echocardiograms, a widely used diagnostic test for heart disease. Echocardiography technologists perform the tests in hospitals and outpatient facilities, utilizing ultrasound equipment to gather data about the cardiac chambers, valves and vessels leading to and from the heart. Completing this program fulfills prerequisites to take the Registered Cardiac Sonographer (CCI) or Registered Diagnostic Cardiac Sonographer (ARDMS) exam.

Career Outlook

The continuing demand for echocardiography technologists indicates strong employment opportunities.

Program Learning Outcomes

- Exhibit patient care skills.
- Model professional behaviors as a CVT.
- Explain diagnostic and/or interventional procedures.



Complete Program Details

QUESTIONS? 414-297-6263, 262-238-2281 or healthpathway@matc.edu

CREDITS

Total credits needed to complete this degree

61

‡ Prerequisite required.

^ Counts toward earning the EKG Technician certificate.

Program curriculum requirements are subject to change.

Current MATC students should consult their Academic Program Plan for specific curriculum requirements.

This program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), 9355 - 113th Street N, #7709, Seminole, FL 33775; 727-210-2350; caahep.org/Students/Program-Info/Cardiovascular-Technology.aspx. Accreditation is based upon a recommendation by the Joint Review Committee (JRC-CVT).