



# Cardiovascular Technology – Invasive

**ASSOCIATE DEGREE**

Program Code: 10-521-1

## Downtown Milwaukee Campus

Prepare for a rewarding career as a cardiac catheterization technologist, assisting cardiologists in cardiac catheterization labs with the care of heart patients and performing diagnostic and interventional procedures related to stent placements, pacemaker implants, and other heart or blood vessel conditions. Completing this program fulfills prerequisites to take the Registered Cardiovascular Invasive Specialist (RCIS) exam given by Cardiac Credentialing International (CCI).

You can earn the EKG Technician certificate on your way to completing this associate degree.

## Program Learning Outcomes

- Exhibit patient care skills
  - Model professional behaviors as a CVT
  - Explain diagnostic and/or interventional procedures
  - Apply principles of anatomy and pathophysiology to cardiovascular care
- (For full description, see [matc.edu](http://matc.edu).)

## Admission Requirements

High school diploma or GED, and one year of high school-level biology, chemistry and algebra required. This program admits students through a petition selection process. See the program's webpage at [matc.edu](http://matc.edu) for all requirements.



**Healthcare**  
**MILWAUKEE AREA Technical College**

[matc.edu](http://matc.edu) | 414-297-MATC

**Start date:** January

COURSES	Credits
BIOSCI-177	General Anatomy and Physiology ‡ ^ ..... 4
ENG-195	Written Communication ‡ ..... 3 (or) ENG-201 English 1 ‡
PSYCH-199	Psychology of Human Relations ..... 3 (or) Any 200-level PSYCH course
SOCSCI-172	Introduction to Diversity Studies..... 3 (or) Any 200-level SOCSCI course
CVTECH-102	Introduction to CVT ‡ ^ ..... 2
CVTECH-110	EKG Analysis ‡ ^ ..... 2
CVTECH-115	Essentials of Cardiac Care 1 ‡ ^ ..... 4
CVTECH-117	Invasive CVT Fundamentals 1 ‡ ..... 4
ENG-197	Technical Reporting ‡ ..... 3 (or) Any 200-level ENG or SPEECH course
CVTECH-120	CVT Clinical Procedures ‡ ..... 2
CVTECH-132	Physics of Medicine ‡ ..... 3
CVTECH-134	Hemodynamics ‡ ..... 3
CVTECH-135	Essentials of Cardiac Care 2 ‡ ..... 4
CVTECH-137	Invasive CVT Fundamentals 2 ‡ ..... 4
CVTECH-138	Invasive CVT Clinical 1 ‡ ..... 4
CVTECH-122	Peripheral Vascular Essentials ‡ ..... 3
CVTECH-133	Cardiovascular Pharmacology ‡ ..... 3
CVTECH-185	Invasive CVT Clinical Seminar ‡ ..... 2
CVTECH-188	Invasive CVT Clinical 2 ‡ ..... 3
CVTECH-189	Invasive CVT Clinical 3 ‡ ..... 3

TOTAL CREDITS: 62

‡ Prerequisite required.  
^ Counts toward earning the EKG Technician certificate.  
Program curriculum requirements are subject to change.  
This Associate in Applied Science program will transfer to one or more four-year institutions.

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](http://caahep.org/Students/Program-Info/Cardiovascular-Technology.aspx). Accreditation is based upon a recommendation by the Joint Review Committee (JRC-CVT).

Possible Careers

- Cath Lab Technologist
- Cardiac Catheterization Technologist
- EKG Technician

Related Programs

- Cardiovascular Technology – Echocardiography
- EKG Technician



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[matc.edu](http://matc.edu) or 414-297-MATC  
Wisconsin Relay System 711

Downtown Milwaukee Campus  
700 West State Street

Mequon Campus  
5555 West Highland Road

Oak Creek Campus  
6665 South Howell Avenue

West Allis Campus  
1200 South 71st Street

MATC Education Center  
at Walker's Square  
816 West National Avenue, Milwaukee