



Academic & Career Pathways  
MILWAUKEE AREA Technical College

# Healthcare Program Map

**Location:**

Downtown Milwaukee Campus

**Program Code:**

10-521-1

**Offering:**

In-class

**Degree Type:**

Associate

**Petition Window:**

September

**Start Dates:**

January

**Total Credits:**

62

The Cardiovascular Tech Echo Program petitions ONCE a year-in September for a January start.

# Cardiovascular Technology Invasive Program

## 1. Prerequisites

Semester 1	FALL/SPRING	Cr
(1) ENG-195	Written Communication (or) ENG-201 English 1 ‡	3
(1) BIOSCI-177	General Anatomy & Physiology ‡ ^ (or) BIOSCI-201 AND BIOSCI-202	4
(1) SOCSCI-172	Intro to Diversity Studies (or) any 200 level SOCSCI course	3
Semester 2	FALL/SPRING	Cr
(2) ENG-197	Technical Writing (or) 200 level ENG course (or) 200 level SPEECH course	3
(2) PSYCH-199	Psychology of Human Relations (or) any 200 level PSYCH course	3

‡ Prerequisite required.  
^ Counts towards earning EKG certificate.

The course plan above is a sample schedule only. Please work with your advisor to develop a customized plan.

## 2. Petition Requirements

- Prerequisite courses (except science courses) with grades of C or higher
- Science courses with a C+ or higher: BIOSCI-177 or BIOSCI-201 & 202 must be completed **prior** to petitioning
- Cumulative GPA of 2.5
- Entrance Exam: TEAS (minimum score of **70%**)  
<http://www.matchhealth.com>
- Petition Application Form <http://www.matchhealth.com>



The petition process is the method that students follow to inform the Healthcare Pathway when they are ready and prepared to begin the technical courses in their chosen healthcare program.

**RELATED PROGRAMS**

- EKG Technician
- Cardiovascular Technology-Echo

**QUESTIONS?**

Healthcare Pathway  
262-238-2281 or 414-297-6263  
healthpathway@matc.edu

### 3. Technical Courses

<b>Semester 1</b>	<b>SPRING</b>	<b>Cr</b>
(1) CVTECH-102	Intro to CVT	2
(1) CVTECH-110	EKG Analysis	2
(1) CVTECH-115	Essentials of Cardiac Care 1	4
(1) CVTECH-117	Invasive CVT Fundamentals 1	4
<b>Semester 2</b>	<b>SUMMER</b>	<b>Cr</b>
(2) CVTECH-120	CVT Clinical Procedures	2
(3) CVTECH-135	Essentials of Cardiac Care 2	4
<b>Semester 3</b>	<b>FALL</b>	<b>Cr</b>
(3) CVTECH-132	Physics of Medicine	2
(3) CVTECH-134	Hemodynamics	3
(3) CVTECH-137	Invasive CVT Fundamentals 2	4
(3) CVTECH-138	Invasive CVT Clinical 1	4
<b>Semester 4</b>	<b>SPRING</b>	<b>Cr</b>
(4) CVTECH-133	Cardiovascular Agents	3
(4) CVTECH-185	Invasive CVT Clinical Seminar	2
(4) CVTECH-188	Invasive CVT Clinical 2	4
(4) CVTECH-189	Invasive CVT Clinical 3	4
(4) CVTECH-122	Peripheral Vascular Essentials	3

### Upon Graduation

- Graduates are eligible to take the Registered Cardiovascular Invasive Specialist (RCIS) exam given by Cardiac Credentialing International (CCI).
- Students can earn the EKG Technician certificate on the way to completing this degree.