

St. Cloud Technical & Community College Cardiovascular Technology (CVT) Program – Information Packet

Welcome!

Health programs have specific requirements for students to complete.

This material is to help guide you through the process from beginning to graduating from your intended health major. Staff and faculty are here to assist with your educational journey and look forward to seeing you on campus!

Cardiovascular Technology Program Description

Cardiovascular Technology is a full-time program that begins each fall semester.

- 12 students are accepted each fall semester.
- The CVT program begins each fall semester
- 4 semesters: fall, spring, fall, spring

It is a competitive program that requires a thorough application process.

With a Cardiovascular Technology degree, graduates will be able to start a career in the heart-related health field. Students will learn anatomy, physiology, and pathology of the heart, coronary arteries, and cardiac vascular function.

Graduates of the program will help cardiologists in performing diagnostic and interventional procedures related to stent placements, pacemaker implants, and other heart or blood vessel conditions.

Cardiovascular Careers

The Cardiovascular Technology Program prepares students for employment in cardiac catheterization labs, electrophysiology labs, open heart surgical suites and cardiac research facilities

- The three-year placement rate for the Cardiovascular program is 90%.
- The average Central MN annual salary range is \$44.5k to \$66.2k

Prospective/Returning Student - Application Process

- Your first step is to apply to SCTCC as a Pre-CVT student at <https://sctcc.edu/apply>
- Follow instructions received by Admissions and Records & Registration offices.
- Meet with an advisor to begin the *Current SCTCC Student* process.

Current SCTCC Student / Advisor Meetings - Academic Advising Center

- Current SCTCC students are required to meet with an advisor at least once a semester to receive a registration access code and review their academic plan.
- We encourage students to visit more often with any questions or concerns they may have.
- We are here to align you with resources that are available and help guide you through your educational journey at SCTCC!

Cardiovascular Technology Program Requirements / Planner

- A minimum grade of “C” or better AND a cumulative GPA of 2.5 or above in pre-requisite coursework is required to be considered for admission.
- Students can apply with pre-requisites in-progress, MUST be complete prior to the start of the program. Priority will be given to students with all pre-requisites complete at the time of application.
- When applying to the program, applicants must be in *Good Academic Standing* at SCTCC
 - Not on warning or probation - cumulative GPA 2.0 & cumulative completion rate of 66.67%.
 - **RE-TAKE Options:** Each pre-requisite and General Education course may be taken 3 times.
 - **Consult with an advisor about the impact of repeated courses.**
 - Program application dates and periods may vary and/or be extended. Priority is given to those who apply during the first application period. Stay up to date by checking the program page frequently.
 - The Cardiovascular Technology program is **highly competitive**, the college may not be able to accept all applicants that meet the minimum admission standards.

General Education pre-requisites include

	<u>Credits</u>	<u>Semester</u>
BLGY 2310: Human Anatomy/Physiology I	4 Credits	_____
○ Pre-requisite is BLGY 1351: General Biology		
HLTH 1440: Medical Terminology	1 Credit	_____
Oral Communications Course (Example: CMST 1320)	3 Credits	_____
○ See advisor for full course list		

General Education Course (can be taken before OR during program acceptance)

Completing 1 or more of the courses by time of CVT application **will improve program acceptance:**

Goal Area 1 Communication: Written **3 Credits** _____

Select **ONE** of the following English courses:

- ENGL 1308:** Stretch Analytical Writing I (3cr)
- ENGL 1309:** Stretch Analytical Writing II (3cr)
- ENGL 1302:** Analytical Writing (4cr)
- ENGL 1312:** Analytical Writing (4cr) available spring 2024

Goal Area 4 Mathematics: **3 Credits** _____

Select **ONE** of the following math courses:

- MATH 1331:** Applications of Mathematical Reasoning (Recommended) (3cr)
- MATH 1351:** Introductory Statistics (4cr)
- MATH 1360:** College Algebra (3cr)
- MATH 1380:** Precalculus (5cr)

BLGY 2320: Human Anatomy/Physiology II **4 Credits** _____

- Pre-requisite is BLGY 2310: Human Anatomy/Physiology I

CPR requirement: MUST BE American Heart Association - Basic Life Support (BLS)

- Provide a copy of CPR card AFTER accepted to the CVT program
- (During CVT orientation meeting)
- Course options at SCTCC: EMSC 1480 (1 credit course) **OR** HBHE 1513 (Hour based course)

NOT required, but highly recommended to improve CVT program acceptance:

- Complete Nurse Assistant course -options at SCTCC include:
 - HLTH 1402 (3 credits) **OR** HCCC 1415, 1425 and 1480 (6 credits)
 - or provide 75-hour Nurse Assistant certificate
- Complete 7 credits at SCTCC
- Earn a health degree, AA, HSBF - AS or Bachelor degree

Historical Applicant Data – Cardiovascular Technology Program

Cardiovascular Technology Program Applicants								
Program Start Date	Number of Seats Available	Total Number of Applicants	Total Number of Qualified Applicants *	Average GPA in prerequisites of Accepted Applicants	Accepted Applicants that earned 7 or more credits earned at SCTCC	Accepted Applicants with diploma, Associate of Arts or Bachelor's degree	Accepted Applicants that completed the Nursing Assistant Course	Accepted Applicants that completed 1-3 General Education Courses
Fall 2017	12	25	19	3.55	11	8	10	NA
Fall 2018	12	27	15	3.73	6	6	5	NA
Fall 2019	12	52	31	3.42	6	6	7	NA
Fall 2020	12	39	34	3.64	10	2	7	NA
Fall 2021	12	46	45	3.59	7	8	10	12
Fall 2022	12	37	30	3.69	9	7	9	12
Fall 2023	12	32	26	3.767	12	7	8	12

*Prerequisite courses complete with a GPA of 2.5 or higher

CVT Program Check List for new & returning (out for over a year) students:

- ☐ Apply to SCTCC: <https://sctcc.edu/apply>
- ☐ Complete eOrientation & Meet with an Academic Advisor
- ☐ Apply for Scholarships and/or FAFSA

CVT Program Check List for current SCTCC students:

- ☐ Follow an *Academic Plan* developed by you and an advisor
- ☐ Complete Pre-Requisites
- ☐ Apply to the Program: <https://sctcc.edu/cardiovascular-technology-apply-online>
 - The Cardiovascular Technology application is open December 1st through March 1st

Application Timeline for the Cardiovascular Technology Program at SCTCC

- Must be a current SCTCC student to apply to the program
- The Cardiovascular Technology application is open December 1st through March 1st
 - Dates are estimated and subject to change. Review CVT page for updates.
- Application is found at <http://www.sctcc.edu/cardiovascular-technology-apply-online>
- 6 weeks after application period closes:
 - **Accepted** applicants will have letters sent
 - Top 12 ranking students
 - **Alternate List** applicants will be notified of their status
 - **Non-accepted** applicants are notified & encouraged to meet with an advisor to discuss:
 - ways to improve your application before reapplying to the program
 - your educational options / course selection for next semester
 - other programs and opportunities at SCTCC

Applicants admitted to the Cardiovascular Technology program

- Applicants will be notified of the date and time for the mandatory Cardiovascular Technology student orientation, usually held in June.
- Applicants MUST supply documentation of current AHA/Basic Life Support.
- Applicants will be required to take and pass a MN Criminal Background study, electronic fingerprinting, AND drug testing (paid for by the student).

Applicants placed on the *Alternate List* for Cardiovascular Technology

- Applicants who meet the requirements but were not admitted because the program was full will be placed on a ranked alternate list.
- Applicants placed on this list will be eligible for admission to the program if spaces open prior to the beginning of the fall semester.
- ALL applicants who wish to gain admission to the Cardiovascular Technology program in the future must reapply, including those who were on the previous year's alternate list.

*****If an applicant is accepted and declines to be admitted into the program, no preference will be given to the applicant should he or she choose to apply in any subsequent year. To be considered for admission in any subsequent year, such students will need to go through the entire application process again.**

The Cardiovascular Technology A.A.S. program is a 60-credit degree

<i>Length of Program Once Admitted: 4 semesters</i>	<i>Start: Fall Semester/August</i>
Program courses (once accepted)	52 credits
Pre-requisites credits:	8 credits
TOTAL	60 credits

Cardiovascular Technology Program Course (once accepted)

Fall - Semester I

ICVT 1441 Introduction to Clinics	3 credit
ICVT 1445 Cardiovascular Anatomy & Physiology	3 credit
TOTAL	6 credit

Spring - Semester II

ICVT 1422 Cardiovascular Instrumentation	3 credit
ICVT 1424 Catheterization Lab Fundamentals I	3 credit
ICVT 1430 EKG Interpretation	1 credit
ICVT 1443 Cardiovascular Clinic I	5 credit
TOTAL	12 credits

Fall – Semester III

ICVT 2405 Cardiovascular Pathology	3 credit
ICVT 2427 Catheterization Lab Fundamentals II	3 credit
ICVT 2446 Cardiovascular Clinic II	5 credit
TOTAL	11 credits

Spring – Semester IV

ICVT 2450 Applied Clinical Internship	13 credit
TOTAL	13 credits

General Education courses (taken before OR during program acceptance)

BLGY 2320 – Human Anatomy & Physiology II	4 credit
Goal Area 1 Communication – written (ENGL 1303 or 1302)	3 credit
Goal Area 4 Mathematics (MATH 1300, 1331 OR 1351)	3 credit
TOTAL	10 credits

Estimated Cost of Program

- Tuition & Fees (60 credits) \$13,290
- Books, Supplies, Materials \$4,250 = \$17,540.
 - Please visit <http://www.sctcc.edu/financial-aid> for tuition and fees rate, cost of credits and programs.
 - Information on the financial aid process and scholarships is also available.

Licensing Exam

After graduation, students are eligible to take the Registered Cardiovascular Invasive Specialist (RCIS) exam.

Program FAQs – Cardiovascular Technology

Can I apply directly to the Cardiovascular Technology program?

Students **MUST** be a *Current Student* (applied and accepted to SCTCC).

Can I apply to the program without all the pre-requisites complete?

Students can apply with pre-requisites in-progress, **MUST** be complete prior to the start of the program. Priority will be given to students with all pre-requisites complete at the time of application.

Can I re-take a pre-requisite course to improve my GPA?

Each pre-requisite and General Education course may be taken 3 times. **Consult with an advisor about the impact of repeated courses.**

When does the Cardiovascular Technology program start?

The Cardiovascular program is a 4-semester program that begins each Fall Semester.

How many students are accepted?

12 students are accepted each fall semester.

Can I attend Part-Time?

The Cardiovascular program is a *full-time* program only.

Can I take the Cardiovascular program classes online?

Once accepted to the program, classes are all held on-campus or at Clinical sites.

When can I apply to the program?

The Cardiovascular Technology application window is open December 1st through March 1st

Application found at <http://www.sctcc.edu/cardiovascular-technology-apply-online>

Once accepted to the Cardiovascular Technology program, what is the schedule like?

- First & Second Semester: Classes are scheduled on Tuesday and Thursday.

Students are encouraged to attend Open Lab during the week to improve skills.

- Third Semester: Classes are scheduled on Monday through Thursday.

Students are encouraged to attend Open Lab during the week to improve skills.

- Fourth Semester: Internship are Monday through Friday, hours determined by the site.

- Clinical sites include: The clinical sites are located throughout MN and the 5-state area. Students are informed of clinical location in November and will begin in January (4th semester).

Is the Cardiovascular Technology program accredited?

The Cardiovascular Technology program is accredited by:

Commission on Accreditation of Allied Health Education Programs (CAAHEP)

1361 Park Street, Clearwater, FL 33756

Telephone: (727) 210-2350

Fax: (727) 210-2350

<http://www.caahep.org/>

Joint Review Committee on Education in Cardiovascular Technology (JRC-CVT)

1449 Hill Street

Whitinsville, MA 01588-1032

Telephone: (978) 456-5594

<http://www.jrccvt.org/>

St. Cloud Technical & Community College is accredited by the Higher Learning Commission.

Visit SCTCC! – Cardiovascular Technology Program

Thank you for your interest in the Cardiovascular Technology program at SCTCC!

We invite you to sign up for a tour or open house event at <https://sctcc.edu/visit>

After reviewing this information, if you need further assistance, please contact:

Admissions Office 320-308-5089 enroll@sctcc.edu

Academic Advising Center 320-308-5741 advising@sctcc.edu