

# VALENCIA COLLEGE

## Admission Guide for the Associate in Science Degree in Cardiovascular Technology (CVT)

### Applications are currently on hold

**Admission requirements and application deadlines are subject to change. Please [check](#) for any admission updates.** Students are admitted to Valencia College's Invasive Cardiovascular Technology Program by a selective admission process. The Health Sciences Admission Committee selects 16 students once per year to begin the program in the Fall term.

#### ADMISSION CHECKLIST:

**The admission requirements that MUST be satisfied PRIOR to application submission to the Cardiovascular Technology Program are:**

1. Read about Cardiovascular Technology admission, [program requirements](#), and the Valencia College [Catalog](#); read this program guide in its entirety to confirm you are capable of meeting the Core Performance Standards listed in this guide.
2. Be a U.S. Citizen, a U.S. permanent resident or an International Student.  
**International Students:** In addition to a background check required for clinical compliance (after program acceptance), a second background check from your home country is required. If you have a concern about how this may impact your program acceptance, please contact the [Health Sciences Compliance](#) Office.
  - (See [Page 5](#) of this Program Guide for [clinical compliance information](#))
  - **NOTE: All individuals who have DACA, Temporary Protection Status, Refugee, Asylee status, etc. must complete the [Employment Authorization Document \(EAD\)](#) prior to submitting application.**(Graduates need a social security number to sit for credentialing examination through the National Board for CVT).
3. Attend a Health Sciences Information Session (**strongly recommended**). Information Session dates are posted on the [Health Sciences website](#).
4. Submit a completed [Valencia College Application](#) for Admission, click on **Future Students, Admissions**, and pay the \$35 application fee; satisfy the requirements for [Degree-Seeking Status](#) and be in [Active Student Status](#). *Admission to Valencia College does not imply acceptance to a health sciences program.*
5. Submit **all official transcripts** from all institutions (include High School transcripts or GED score report) must be submitted to Valencia College and posted on your record prior to applying. Students using AP/IB/CLEP scores to satisfy one or more prerequisite courses must request official scores from [collegeboard.org](#) (AP/CLEP) or [ibo.org](#) (IB). AP/IB/CLEP credits earned as 'Z' grades on record equate to 'A' grades for points.  
**\*Note: If you are a transfer student and are not considered "first time in college" you are not required to submit a high school transcript.**
6. Must be at least 18 years of age by the program start date.
7. Satisfy the Valencia College entry testing requirements and satisfactorily complete any [Mandatory Courses](#) in Reading, Professions of Caring or New Student Experience, Mathematics, English, and English for Academic Purposes in which you are placed (must be at college-level for Reading, Mathematics, English)
8. Complete the Prerequisites for Admission with a minimum grade of "C":

*The grade for each course must be posted to your Valencia College transcript.*

- **BSC 2093C** Anatomy & Physiology I (BSC 1010C is a prerequisite)
  - **BSC 2094C** Anatomy & Physiology II
  - **MAC 1105** College Algebra (or any other [General Education Math](#))
  - **ENC 1101** Freshman Composition I
9. Have a minimum **overall college GPA of 2.5** including all undergraduate transfer work for admission into the program. Must be in good academic standing. **NOTE:** Transfer students with completed coursework at Valencia College also need to have a minimum Institutional/Valencia College GPA of 2.0 at the time of applying (in addition to the minimum overall college GPA of 2.5).
10. Prior to submitting your program application, you are encouraged to meet with your assigned advisor. You can locate your assigned advisor by logging into Atlas, Courses tab, Academic Profile. We strongly recommend that you meet early in your course planning to ensure all requirements, including program pre-requisite courses mentioned in this guide, are met.
11. Successfully complete the designated entrance exam, ATI Test of Essential Academic Skills (TEAS), with scores posted to your Valencia College record of a minimum passing Composite score of **58.7** (subject to change). Scores on record may be used for admission criteria if test dates are **less than two years old** at the time of the application deadline. Paper copies of scores are NOT accepted. The examination fee is the responsibility of the student. More information about ATI TEAS may be found on the [Assessment webpage](#).
- \*NOTE: If ATI TEAS was taken at another institution, students are required to:
- Request official exam scores from the [ATI site](#).
  - Complete the ATI Matching Request form (assists to add scores to Valencia College student record)  
**If ATI TEAS was taken at another institution, students are required to:**
  - Request official exam scores from the [ATI site](#).
  - Then, complete the ATI [Matching Request form](#) (*assists to add scores to Valencia College student record*)
12. After completing numbers 1–11 and before the application deadline, submit a completed [CVT Program application](#) and pay the \$15 non-refundable Health Sciences program application fee.

## CARDIOVASCULAR TECHNOLOGY ADMISSION POINTS GUIDE

Student selection is based on the total number of points earned below. In case of a tie, overall GPA and then the entrance test (ATI TEAS) test score will be considered.

*If a student was previously accepted into a Health Sciences Program at Valencia College and subsequently deemed ineligible for return to the program, the selection committee has the right to contact the applicant's previous program. This information will be included in the program admission consideration.*

### PROGRAM COURSE REQUIREMENTS THAT AWARD ADMISSION POINTS

The first four courses are prerequisite courses that must be completed by the program application deadline with a minimum grade of a C or higher.

*You may not repeat a course for grade forgiveness for which you previously have earned a grade of A, B or C.*

<b>BSC 2093C</b> Human Anatomy & Physiology I	<b>A=10 pts, B=8 pts, C=6 pts</b>	4.0 credit hours
<b>BSC 2094C</b> Human Anatomy & Physiology II	<b>A=10 pts, B=8 pts, C=6 pts</b>	4.0 credit hours
<b>MAC 1105</b> College Algebra	<b>A=3 pts, B=2 pts, C=1 pt</b>	3.0 credit hours
<b>ENC 1101</b> Freshman Composition I	<b>A=3 pts, B=2 pts, C=1 pt</b>	3.0 credit hours
<b>The following courses are required for graduation with the degree. Completion of these courses with a minimum grade of C prior to the application deadline will result in more admission points to be a competitive applicant.</b>		
<b>MCB 2010C</b> Microbiology	<b>A=10 pts, B=8 pts, C=6 pts</b>	4.0 credit hours
<b>PHY 1007C</b> Physics with Medical Applications	<b>A=10 pts, B=8 pts, C=6 pts</b>	4.0 credits hours
<b>PSY 2012</b> General Psychology	<b>A=3 pts, B=2 pts, C=1 pt</b>	3.0 credit hours
<b>Core Humanities</b>	<b>A=3 pts, B=2 pts, C=1 pt</b>	3.0 credit hours
<b>POS 2041, AMH 2010 or AMH 2020 /AMH 2010</b> U.S. Government or U.S. History Points are not awarded for "D" grades	<b>A=3 pts, B=2 pts, C=1 pt</b>	3.0 credit hours
Earn a passing score (60%) on the <a href="#">Florida Civic Literacy Exam (FCLE)</a>	<b>1 pt</b>	
<b>ADDITIONAL ADMISSION POINTS AWARDED (OPTIONAL)</b> The following courses are <u>not</u> required for graduation with the degree. Completion of these courses with a minimum grade of C prior to the application deadline will result in additional admission points to be a competitive applicant.		
<b>HSC 1531</b> Medical Terminology	<b>A=3 pts, B=2 pts, C=1 pt</b>	3.0 credit hours
<b>HSC 1004</b> Provisions of Caring <b>-OR-</b> <b>SLS 1122</b> New Student Experience	<b>A=3 pts, B=2 pts, C=1 pt</b>	3.0 credit hours
<b>Alternate</b> (previous year applicant identified as an Alternate)	<b>3 pts</b>	

**Total Possible Points: 65**

**\*NOTE:** Transfer courses may need to be reviewed by an Advisor for potential course substitution or equivalency. **Courses taken at other institutions may not be equivalent to Valencia College Allied Health Program course requirements, as listed in this guide.** Course substitution or equivalency must be on your Valencia College record **before** submitting the program application. Course substitutions are only permitted when students have not previously earned a grade of A, B or C for the required course.

*Transfer courses with 'S' or 'P' grades need to be reviewed for eligibility by the [Health Science Team](#).*

## **GUIDELINES for ALL HEALTH SCIENCE LIMITED ACCESS PROGRAMS (EXCEPT THE BACHELOR DEGREE PROGRAMS AND ADVANCED TECHNICAL CERTIFICATES)**

Valencia's College Health Science programs are offered through the Department of Health Sciences and the Department of Nursing, which provide information about specific admission criteria for the programs. The Health Sciences Program Guides, of which this is one, are developed for a specific academic year (August to July) and, as a rule, changes to admission and program requirements becoming effective at the start of an academic year. **Valencia College, however, reserves the right to make changes in admission and program requirements as circumstances require.** If a mid-year change becomes necessary, it will be indicated for the specific program on the [Program Updates](#) page.

Students interested in a health sciences career are encouraged to explore the many challenging and rewarding opportunities available in health professions. The health sciences programs may have clinical experiences that expose the student to blood borne pathogens via contact with bodily fluids including, but not limited to blood and saliva. Students accepted into these programs will be expected to adhere to the Centers for Disease Control (CDC) guidelines for the use of Standard Precautions. The CDC defines standard precautions as "a set of precautions designed to prevent the transmission of HIV, Hepatitis B virus (HBV), [and] other blood borne pathogens when providing first aid or health care." Under standard precautions, blood and certain body fluids are considered potentially infectious for HIV, HBV, and other blood borne pathogens. Students will be expected to adhere to hand hygiene protocols and consistent use of personal protective equipment including masks, gloves, and eyewear. In some health sciences programs, students may need to conduct peer-to-peer examinations in lab settings.

Valencia College offers eight health sciences programs which lead to an A.S. degree. They are the Cardiovascular Technology, Dental Hygiene, Diagnostic Medical Sonography, Emergency Medical Services Technology (including EMT (Emergency Medical Technology) and Paramedic technical certificates), Health Information Technology (including Medical Information Coder/Biller technical certificate), Nursing (R.N.), Radiography, and Respiratory Care. Admission to these programs is limited because of clinical facilities and staff. Once you complete your A.S. degree in Cardiovascular Technology, you can continue at Valencia College to earn your Bachelor's degree in Cardiopulmonary Sciences or a bachelor-level Advanced Technical Certificate (ATC) in Echocardiography. With additional education at the bachelor's level and professional experience, you will enhance your skills and have more career options available.

Students whose official records indicate they are seeking admission to a limited access Associate in Science (A.S.) health sciences program will have the health sciences program designated as their secondary major and the Associate in Arts (A.A.) Degree designated as their primary major in order to maximize their educational opportunities. If the student has already earned a Bachelor's or A.A. degree, the student will **not** have A.A. designated as a major.

### **APPLICATION INFORMATION**

Program Application information for each admission cycle can be found on the [program's webpage](#). Program applications received after the deadline date will not be considered for the identified term. Students who are not accepted will need to reapply for a future term. Students must complete a Valencia College application for admission and the application for the specific health sciences program. General Admission to Valencia College does not imply acceptance to the health sciences program. Students may apply to more than one limited access Health Science program; however, enrollment is limited to only one Health Sciences program in a term. A new program application is required if reapplying for admission. Having previously earned a college degree does **not** grant an advantage in admission to a Health Sciences program that does not require a degree for admission, nor does it exempt students from taking the ATI Test of Essential Academic Skills (TEAS) if the ATI TEAS is required for admission to the program.

**Communication Policy:** Application review may take **4-6 weeks after the deadline closes.** Students are expected to check Atlas email regularly for any communication about an application. Application updates are **only** communicated through the Valencia College Atlas email. Students who are offered an accepted program seat are required to attend the mandatory program orientation to keep the seat and start the program. The admission decision email will include a **strict deadline** to accept an offered program seat. If a response is not received by the deadline of the acceptance invite, then the next student will be invited for the opportunity of acceptance.

**Mandatory Orientation:** The mandatory program Orientation for accepted students may be held four to six weeks prior to the program start date. Once accepted to a program, students will receive an email via ATLAS regarding the Orientation date, requirements, and deadlines. The Orientation materials will give the student information regarding the processes for completing background checks, fingerprinting, drug screening, and other requirements completed through the designated vendor.

## **BACKGROUND CHECK, FINGERPRINTING, DRUG TESTING, IMMUNIZATIONS AND CPR CERTIFICATION**

The Health Sciences programs include student clinical rotations in external affiliate health care facilities with which Valencia College has agreements for student clinical assignments. The affiliates' policies require that students serving in a clinical rotation be cleared of offenses that would disqualify them from participating in student clinical assignments. Thus, all students \* **conditionally accepted** to a Health Sciences program are required to submit to a criminal background check, fingerprinting and drug testing as well as provide documentation of specific immunizations and an American Heart Association (AHA) and Basic Life Support (BLS) CPR certification following acceptance to a program. The timeframe for meeting these requirements will be provided in the Orientation information that will be sent to the student upon acceptance through ATLAS email. **All clinical Compliance must be met a few days prior to the program start date.** Students may need to renew their background and drug testing requirements annually. Email the [Compliance Department](#) for more details. **\*If you have a positive background check, fingerprints, or drug screening, you may be denied enrollment in a Health Sciences program due to the inability to participate in a student clinical assignment.** If you have concerns regarding known background issues, it is recommended that you email questions to the [Compliance department](#).

### **TRANSPORTATION TO CLINICAL SITES**

If accepted to a program, students will be responsible for furnishing transportation to the community and/or hospital facilities used by Valencia College for clinical practice.

**Valencia College is an [Equal Opportunity Institution](#)**

## **CARDIOVASCULAR TECHNOLOGY CORE PERFORMANCE STANDARDS FOR ADMISSION AND PROGRESSION**

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Cardiovascular Technology is a practice discipline with cognitive, sensory, affective, and psychomotor performance requirements. Based on these requirements, the following list of "Core Performance Standards" has been developed. Each standard has an example of an activity or activities, which a student will be required to perform while enrolled in the Cardiovascular Technology Program. These standards are a part of each Cardiovascular Technology course and of the professional role expectation of a Cardiovascular Technologist.

For the Cardiovascular Technology Program, a "qualified individual with a disability is one who, with or without reasonable accommodations or modifications, meets the essential eligibility requirements for participation in the program." The School of Allied Health at Valencia College makes no preadmission inquiries concerning an applicant's disability status. Information related to an applicant's disabilities is not a part of the information reviewed by the Admission Committee.

These Performance Standards should be used to assist students in identifying the academic and clinical expectations for all students. Students who may need reasonable accommodations to fulfill required program outcomes or clinical expectations are encouraged to contact the [Office for Students with Disabilities](#) to engage in an interactive process regarding their request. It is the student's responsibility to notify and register with the Office for Students with Disabilities to identify and receive reasonable accommodations. Reasonable accommodations are effective only after engaging in this process and are not retroactive. Determination is made on an individual basis as to whether any accommodations or modifications can be reasonably made. **Valencia College is an [Equal Opportunity Institution](#):**

<b>CRITERIA</b>	<b>STANDARDS</b>	<b>SOME EXAMPLES OF NECESSARY ACTIVITIES (NOT ALL INCLUSIVE)</b>
Critical Thinking Interpersonal	Critical thinking ability sufficient for clinical judgment	Identify cause-effect relationships in clinical situations; develop Cardiovascular Technology care plans.
Communication	Communication abilities sufficient for interaction with others in verbal and written form with good command of the English language	Explain treatment procedures, initiate health teaching, document and interpret Cardiovascular care actions and patient/client responses
Mobility	Physical abilities sufficient to move from room to room, maneuver in small spaces, wear 30 lb leaded aprons for extended periods of time, wear protective eyewear and sterile surgical attire for extended periods of time, and navigate stairwells	Moves around in patient's rooms, workspaces, and treatment areas, administer Cardiovascular procedures without breaking sterile field
Hearing and Visual	Auditory ability sufficient to monitor and assess health needs  Visual ability sufficient for observation and assessment necessary in Cardiovascular care	Hears monitor alarm, emergency signals, auscultatory sounds, cries for help, whispered directions  Observes patient/client responses, graphic monitors
Motor Skills	Gross and fine motor abilities sufficient to provide safe and effective Cardiovascular care including hand/eye coordination	Calibrate and use equipment; position patients/clients
Tactile	Tactile ability sufficient for physical assessment	Perform palpation, functions of physical examination and/or those related to therapeutic intervention, e.g., insertions of a catheter

**VALENCIA COLLEGE SCHOOLS OF ALLIED HEALTH AND NURSING**  
**Sample Form of the Health and Physical Core Performance Requirements**

<b>Assess Ability to Meet Program Requirements</b>	<b>Y</b>	<b>N</b>	<b>If NO, Note Limitations</b>	<b>Assess Ability to Meet Program Requirements</b>	<b>Y</b>	<b>N</b>	<b>If NO, Note Limitations</b>
<b>General Requirements</b> (has the ability to...)				<b>Require Lifting</b> (ability to lift...)			
Sit				Up to 10 lbs.			
Stand				11 to 24 lbs.			
Walk				25 to 34 lbs.			
Bend				35 to 50 lbs.			
Kneel				Up to and over 100 for some Clinical Areas			
Crouch				<b>Pushing/Pulling</b> (ability to push and pull...)			
Twist				Up to 10 lbs.			

Maintain Balance				11 to 24 lbs.			
Reach				25 to 34 lbs.			
Climb Stairs				35 to 50 lbs.			
<b>Sensory Requirements</b> (has ability for...)				Up to and over 100 for some Clinical Areas			
Far Vision							
Near Vision				<b>Hand Manipulation</b> (ability with...)			
Color Vision				Simple Grasping			
Depth Perception				Firm Grasping			
Seeing Fine Details				Fine Manipulation			
Hearing Norm Speech				Use of Keyboards			
Hearing Overhead Pages							
Infectious Diseases				<b>Mental &amp; Emotional</b> Requirements (ability to...)			
Chemical Agents				Cope with high level of stress			
Dust, Fumes, Gases				Make decisions under high pressure			
Extremes in Temperature or Humidity				Cope with anger/fear/hostility of others in a calm way			
Hazardous or Moving Equipment				Concentrate			
Loud Noises				Handle a high degree of flexibility			
				Handle multiple priorities in stressful situations			
				Demonstrate high degree of patience			
				Work in areas that are close and crowded			
				Verbally Communicate under stress			