



64040 Hwy 434, Ste. 200
Lacombe, LA 70445
985-801-0088

Cardiovascular Technology Training, Inc.

Cardiovascular technology is an allied health profession specifically focused on the diagnosis and treatment of patients with cardiac and vascular disease. Cardiovascular technologists (CVT) are highly skilled professionals qualified by education to provide patient services using diagnostic techniques at the request of, or under the supervision of, a licensed doctor of to gather data necessary to reach diagnostic decisions. The technologist is proficient in the use of Diagnostic Medical Ultrasound equipment and related apparatus, including placing such equipment on or into the patient, or placing the patient on the equipment. The CVT is skilled in the acquisition of diagnostic ultrasound images, demonstrates cognitive skills involving data measurement, exhibits professionalism in patient interactions, and knowledge of cardiac anatomy and pathophysiology.

The CTT Program includes procedures in the subspecialty of the following general settings:

- Noninvasive cardiovascular laboratories, including echocardiography, exercise stress test and electrocardiography laboratories.
- Noninvasive peripheral vascular studies laboratories including Doppler ultrasound, and plethysmography laboratories.

Any candidate for the CTT program admission should be in touch with the CTT Business Office at 64040 Hwy 434 Suite 200 Lacombe, LA 70445 where CTT Program admission applications may be obtained. The Cardiovascular Technology Training Program application is designed and administered by Cardiovascular Technology Training Inc (CTT.)

Early application submission of required documentation insures sufficient time for the applicant to receive pre-registration counseling and academic advising. CTT will notify applicants within three weeks following application deadline of their status of eligibility to enroll in the CTT course work.

An application fee of \$92 (to cover application expenses such as background checks) is required at the time of submission of the application.

Admission Policies and Procedures:

CTT is committed to a policy of equal opportunity in the application of selection criteria and applies evaluation criteria without discrimination. Reasonable accommodation is provided to applicants with disabling conditions.

Applicants selected for admission consideration must agree to a release of health information, a background check, and must provide immunization records as a condition of admittance. Applicants seeking admission to CTT may be required to submit to a pre-admission drug test.

CTT has an articulation agreement with Southeastern Louisiana University (SLU) whereby credits obtained from CTT may be used towards an Associates degree or a Bachelor of

Science degree in Allied Health. Student admissions into Southeastern Louisiana University in Hammond including advanced placement are made by that institution in accordance with the clearly defined and published academic and technical standards and public practices of SLU. The SLU policies regarding advanced placement, transfer of credit, credit for experiential learning and policies relating to previous education or work experience apply. SLU periodically evaluates the student selection criteria to verify validity.

CTT Selection Process:

The number of students enrolled in the CTT Program is limited by the need for a large amount of one-on-one training required for an active educational experience in Echocardiography and the limited number of clinical positions available in clinical affiliates and hospitals.

Admittance into the CTT professional training program is the responsibility of an Admissions committee. The most qualified applicants with the greatest potential for contributing to the profession are selected. Meeting the minimum requirements does not guarantee admission into the Program.

The criteria for evaluation is determined by summation of a student's percentage score from the categories listed in criteria for evaluation below. The applicants are then ranked by their overall percentage score.

The selection procedure considers the candidate's overall qualities rather than solely relying upon test indicators. Program background, academic success, interest in Echocardiography and evidence of interpersonal qualities that affect success in the profession are thus factors in the selection process.

CTT is a statewide program, and as such, if there are more applicants interested in acceptance into the CTT Program than can actually be admitted, the following criteria are effective:

1. Applicants living within CTT parishes and the State of Louisiana will be ranked according to grade point average and will be accepted in rank order until the maximum number is reached. (Grade point averages less than 2.0 are not considered.)
2. Once the maximum number of applicants is reached within category #1, then and only then, will admission consideration be given to out-of-state residents.

Prerequisites:

This program prepares students for the ARDMS or CCI certification in non-invasive echocardiography and non-invasive vascular technology. This program is also part of the degree program at Southeastern Louisiana University (Associates in General Studies, or Bachelor of Science in Allied Health), and to that end prefers successful completion of the courses listed in Table 1 prior to admittance. Many factors are used to determine eligibility for admittance, however, and non-completion of one or more of these courses may not necessarily disqualify an applicant.

Please consult the SLU Course Catalog (or online at the link stated below) to determine what remaining credits may be necessary to be awarded the Associates in General Studies or the Bachelor of Science in Allied Health.

The example courses listed in Table 1 are from Southeastern Louisiana University (SLU). Courses from another college or university are acceptable as long as they are equivalent and, for the degree program, transferable to SLU.

Table 1

Course	Credit Hours
English Composition I and II (i.e., Eng 101 and 102)	6
Mathematics I and II (i.e., Math 160 or 161 <i>and</i> 3 hrs above 161)	6
Physical Science (i.e., Physics 191)	3
General Biology (i.e., General Biology 151)	3
Anatomy and Physiology (i.e., Anatomy and Physiology 250)	3
Total	18

A description of the above example courses can be found at the SLU web site:
http://www.selu.edu/future_students/degree_prog/degrees/index.html

Performance Standards:

Individuals that choose the Cardiovascular Technology profession require the capabilities outlined in the attached form ***Core Performance Standards for Admission into CTT.***

You are required to read this form and provide your signature as verification that you understand the required skills.

Evaluation Criteria for Admission:

Selection to the CTT Program is based on evaluation of the following criteria for each student:

33% Academic Achievement

- Applicants with a cumulative grade point average (GPA) below 2.0 **will not** be considered
- GPA is calculated on the basis of all courses taken including those repeated
- GPA in pre-requisite courses are given the most weight

33% Professional Rating

- Experience related to echocardiography, cardiovascular and allied health fields
- Response to Admission Application Essay Question
- Personal interview
- Professional Recommendations

33% Core performance Standards

- Specialized Motor Skills
- Visual Ability
- Auditory Ability
- Critical Thinking
- Interpersonal Skills
- Behavior and Appearance

Educational Data:

ACT score: _____ SAT score: _____ Current GPA: _____

Most Recent College or Trade School _____

City: _____ State: _____

Start Date: _____ Stop Date: _____ Semesters completed: _____

Graduate? (Y / N) Degree/Certificate obtained? _____

Other College or Trade School _____

City: _____ State: _____

Start Date: _____ Stop Date: _____ Semesters completed: _____

Graduate? (Y / N) Degree/Certificate obtained? _____

(Note: Attach a separate sheet for additional schools or colleges.)

Employment History:

Are you currently employed? (Y / N) Typical times/hours: _____

Job Title: _____

Employer: _____

Street address _____

City _____ State _____ Zip _____

Contact Person, Name: _____

Phone: _____

Date hired: _____

Previously employed? (Y / N) Typical times/hours: _____

Job Title: _____

Employer: _____

Street address _____

City _____ State _____ Zip _____

Contact Person, Name: _____

Phone: _____

Date hired: _____ Date Released: _____

Previously employed? (Y / N) Typical times/hours: _____

Job Title: _____

Employer: _____

Street address _____

City _____ State _____ Zip _____

Contact Person, Name: _____

Phone: _____

Date hired: _____ Date Released: _____

Describe any health issues that may affect student status (brief explanation):

Have you ever been convicted of a felony? Yes / No If yes, please explain:

Have you ever been disenrolled from a school because of administrative action or disciplinary board hearing? Yes / No If yes, please explain:

Are you under any Active or Reserve military obligation? Yes / No If yes, please explain:

Do you have any obligations that might prevent you from participating in evening training sessions or classes? Yes / No If yes, please explain:

I certify that the information I have provided is complete and correct to the best of my knowledge. If my application is accepted, I agree to abide by the policies, rules and regulations of the school to which I am admitted. I authorize the school to verify the information I have provided. I further understand that this information will be relied upon by the officials of the school in determining my admission and residence status for tuition purposes and that the submission of false information is grounds for rejection of my application, withdrawal of an offer of acceptance, cancellation of enrollment, and/or disciplinary action.

I further understand that if I choose to remain employed during my enrollment period, my employment must of necessity work around my schedule at CTT. I understand that it is logistically impossible for CTT to work around the employment schedule of all of its students.

Signature: _____ Date: _____

Essay Question

Please use the space below to respond to the following:

Considering your personality, experience, education, abilities and interests please provide a one-page response on why you wish to be a part of this program.

Core Performance Standards for Admission into CTT

Specialized Motor Skills: Gross and fine motor abilities sufficient to provide safe and properly effective clinical screening procedures

- Demonstrate physical abilities sufficient to move from room to room
- Be capable of lifting and position patients
- Calibrate, use and manipulate instrumentation
- Have ability to maneuver in small places, physical health and stamina needed to carry out clinical duties
- Possess manual dexterity and hand-eye coordination necessary to hold and maneuver transducer probe on a patient and obtain precise repeatable image planes.
- Be able to hold and maneuver a transducer probe (6-8 oz.) on a patient while applying only light pressure to patient's skin (2-4 oz.) for extended periods of time (1-10 min).
- Maintain hand-eye coordination in order to always be aware of image scan plane and the orientation to the patient.

Sensory: Sufficient use of the senses of vision, hearing, touch and smell to observe assess and evaluate up close and at a distance in the clinical, laboratory and classroom setting.

- Differentiate color differences on viewing monitor.
- Differentiate subtle differences in shades of gray displayed on viewing monitors and film.
- Be able to perform exams in dimly lighted areas.
- Hear auditory signals from monitors, cameras and beepers.
- Hear and differentiate frequencies from speakers during Doppler exams.
- Hear emergency signals, auscultatory sounds, cries for help
- Perform visual assessments and observe patient response

Critical Thinking: Critical thinking ability sufficient for clinical judgment, sufficient powers of intellect to acquire, assimilate, integrate, apply and evaluate information and solve problems.

- Understand and interpret written and verbal instructions.
- Maintain concentration on images displayed on screen for up to one hour.
- Remember previous images in order to establish a three dimensional concept from two dimensional images.
- Remember previous scan planes that demonstrated pathology or anatomy and repeat these scan planes for review by the physician interpreting the exam
- Identify cause and effect relationships in clinical situations
- Respond promptly to emergency situations.

Interpersonal: Interpersonal abilities sufficient to interact with individuals, families and groups from a variety of social, emotional, cultural, economic and intellectual backgrounds.

- Be able to be in close contact with patients (pediatric, geriatric, pregnant, acutely ill, contagious) for up to an hour at a time
- Establish rapport with patients, clients, colleagues and other health care personnel.

Communication: Communication abilities sufficient for interaction with others in verbal and written form, and communicate effectively with individuals, families and groups from a variety of social, emotional, cultural, economic and intellectual backgrounds

- Ability to prepare written and oral reports of findings

- Skills to obtain relevant and required information and data from patients
- Be able to explain diagnostic screening procedures to patient and family
- Communicate information accurately and effectively with interpreting physician
- Evaluate written and verbal orders, patient care plans and treatment requests

Behavioral: Sufficient motivation, responsibility and flexibility to function in new, ever-changing and stressful environments and adapt appropriately to diverse client needs.

- Adapt to assignment of patient, clinical site or laboratory area such that students meet objectives while providing safe, adequate patient care
- Shows accountability for actions
- Recognizes the need for further research and responds accordingly based on changes in patient status subsequent to original assignment.
- Maintain patient confidentiality.

Core Performance Standards for Admission into CTT

Student Completes:

I _____
have read the "Core Performance Standards for Admission into CTT" and attest that I am physically and mentally capable of performing the required duties of a Cardiovascular Technologist.

Student's Signature

Date

Medical History Form

Name: _____

Social Security No.: _____ -- _____ -- _____

Date of Birth: _____ Gender: _____

Have you had or do you currently have any of the following?

Respond by circling yes or no. *Explain yes responses on the back of this page.* Positive responses do not imply denial of entrance into the Cardiovascular Technology Training Program.

Visual Defects	yes	no
Hearing Defects	yes	no
Speech Defects	yes	no
Cardiac Disease/Disorder	yes	no
High Blood Pressure	yes	no
Family History of Cardiac Disease	yes	no
Tuberculosis, Lung, or Respiratory Problems	yes	no
Hepatitis, Liver Disease	yes	no
Sexually Transmitted Disease	yes	no
Fainting Spells, Epilepsy or Convulsions	yes	no
Diabetes	yes	no
Kidney or Bladder Disease	yes	no
Cancer	yes	no
Back Injuries	yes	no
Joint Injuries	yes	no
Any Previous Surgeries	yes	no
Immunosuppressive Therapy	yes	no
Currently Under Chemical Dependency Treatment	yes	no
Do you Smoke	yes	no
Do you have Allergies	yes	no
Do you have any communicable diseases?	yes	no
Do you have a Disability that would prevent you from meeting the Core Performance Standards for the Cardiovascular Technology Training Program.?	yes	no

I have read the above and declare that I have no injury or illnesses other than as specifically herein noted. Any falsification or misrepresentation will be sufficient grounds for my release from the clinical progressions in the cardiovascular technology training program.

Student Signature

Date

Permission to Review Health Information

I _____ give the Program Director of Cardiovascular Technology Training, Inc. (CTT) permission to review my medical records as required by CTT for purposes of my application for admission and progression into the Cardiovascular Technology Training Program. I am aware that they will be kept confidential and secure.

Student Signature

Date

Agreement, Authorization, and Consent for Release of Background Information

Please Type or Print:

Last Name	First	Middle
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understand that in conjunction with my admission application to Cardiovascular Technology Training Inc., CTT will use the services of an outside agency to research and verify the information I have provided on my application including my personal background, character, professional standing, work history and qualifications. This agency will provide a written report of its findings to CTT. CTT uses AbsoluteHire, a consumer-reporting agency, as an agent to perform its student related background investigations.

AbsoluteHire will utilize various sources of information it deems appropriate including but not limited to: credit reporting agencies, workers compensation records including any and all injuries in compliance with the Federal ADA Act, department of motor vehicle records, criminal conviction records, current and former employers, military records, education records, professional and personal references. I agree, authorize and consent to the release and disclosure of any and all information including but not limited to the above to CTT and **AbsoluteHire**.

I agree, authorize and consent to the procurement of a Consumer Report and/or an Investigative Consumer Report and understand that it may contain information about my credit worthiness, credit standing, credit capacity, character, general reputation, personal characteristics, or mode of living. This authorization in original or copy form shall be valid for my term of employment from the date indicated next to my signature. According to the Fair Credit Reporting Act, I will be notified by CTT if admission is denied because of information obtained from a Consumer Reporting Agency.

Additionally, I understand that if requested within 60 days, I will be given a full and accurate disclosure as to the nature and substance of all information provided to CTT. I further understand that I may request a copy of the report, and that when doing so, proper identification will be required and I should direct my request to:

AbsoluteHire, 3000 Lava Ridge Ct, Roseville, CA 95661.

I understand that residents of all states will automatically receive a copy of the report if an adverse action is taken regarding the admission application, or upon request as outlined herein.

**Agreement, Authorization, and Consent for
Release of Background Information, p. 2**

Law enforcement agencies and other entities for positive identification purposes require the following information when checking public records. It is confidential and will not be used for any other purposes.

Printed Name Position Applied For

Social Security Number Date of Birth

Driver's License Number State

Other names you have used or are also known as:

Please provide all residential addresses for the past 7 years

Current: **M/Y - M/Y**

Street City State Zip From - To

Previous: -

Street City State Zip From - To

Previous: -

Street City State Zip From - To

Previous:

Street City State Zip From - To

Signed Today's Date