

Dallas college  School of Health Sciences

Invasive Cardiovascular Technology

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**Invasive Cardiovascular Technology**

**Revised for the 2025-2026 Academic Year**

# Program Summary and Accreditation

The Dallas College School of Health Sciences offers a two-year, 60-credit-hour curriculum leading to the Associate of Applied Science Degree in Invasive Cardiovascular Technology as well as a 40-credit hour Advanced Technical Certificate at the El Centro campus. This information packet contains application eligibility guidelines for both curriculum tracks for application to the May 2026 program only.

The program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP 9355 – 113th St. N, #7709 Seminole, FL 33775, Phone: (727) 210-2350, ([www.caahep.org](http://www.caahep.org)) in cooperation with the Joint Review Committee on Education in Cardiovascular Technology. Graduates from the program are eligible to challenge the exam for the Registered Cardiovascular Invasive Specialist (RCIS) credential offered by the Cardiovascular Credentialing International (CCI). After passing the exam, the graduate is eligible to apply for limited medical radiologic (LMRT) licensure by the Texas Department of State Health Sciences. **A Social Security number is required to take the LMRT exam.**

After completion of the 25 credit hours of Invasive Cardiovascular Prerequisite courses with a minimum designated grade point average and achieving the minimum required scores on designated sections of the HESI A2 test, the student applies for entrance into the Invasive Cardiovascular Technology courses, which begin in May of each year and encompass 12 months of specific lecture, laboratory, and clinical practicum coursework. Acceptance to the Invasive Cardiovascular Technology program is via a **competitive selection process based on grade point average ranking of the Invasive Cardiovascular prerequisite courses and HESI A2 scores.** This information packet details the procedure for program application.

**This information packet contains specific application guidelines and requirements. Submission of application materials verifies that an individual has 1) read the packet thoroughly, 2) obtained all necessary documents from designated website addresses, and 3) understood the policies and procedures for application and acceptance to the program.**

**Equal Educational Opportunity**

 Educational opportunities are offered by Dallas College without regard to race, color,

religion, national origin, sex, disability, age, sexual orientation, gender identity, or gender expression.

# Invasive Cardiovascular Technology Application Checklists

## Associate of Applied Science Track

This checklist is organized toward an applicant just beginning their college experience. Some items may not be applicable if you have previous college credits.

1. \_\_\_\_Download and read through the Invasive Cardiovascular Technology [program information packet](https://www.dallascollege.edu/cd/credit/pages/ecc-health-packets-sessions.aspx).
2. \_\_\_\_At the link above, download and view the online information session. Complete and submit the questionnaire at the end of the video. Application forms will be emailed within 1-2 business days.
3. \_\_\_\_If you have questions about the program, email AskSOHS@dallascollege.edu.
4. \_\_\_\_Obtain the [immunization and physical examination](https://www.dallascollege.edu/cd/credit/pages/ecc-immunization-requirements.aspx) requirements document. *Some immunizations require multiple doses on a specific timeline over several months. Therefore, potential applicants should review their immunizations at least six to seven months prior to the application deadline.* Schedule and take your Hepatitis B titer test early.
5. \_\_\_\_Complete an [application for college admission](https://www.applytexas.org/), if not already a Dallas College student.
6. \_\_\_\_Submit official transcripts from all previously attended colleges/universities to studenttranscripts@dallascollege.edu or to Dallas College, Attn: Admissions Processing, 3737 Motley Drive, Mesquite, TX 75150.
7. \_\_\_\_See a [Success Coach](https://www.dallascollege.edu/resources/success-coaching/pages/default.aspx) (advisor) as needed for TSI counseling, placement testing, etc., and complete any developmental courses as may be determined from the test scores.
8. \_\_\_\_If desired, request an [Educational Plan](https://www.dallascollege.edu/cd/credit/pages/ecc-health-resources.aspx) for evaluation of external credit course work that applies to the Invasive Cardiovascular Technology curriculum.
9. \_\_\_\_Complete the Invasive Cardiovascular Technology prerequisite courses with [min. GPA](#_C._Prerequisite_Courses):
	1. \_\_\_\_ENGL-1301
	2. \_\_\_\_BIOL-2401
	3. \_\_\_\_BIOL-2402
	4. \_\_\_\_MATH-1314
	5. \_\_\_\_PSYC-2301
	6. \_\_\_\_CVTT-1201
	7. \_\_\_\_SPCH-1311/1315/1321
	8. \_\_\_\_PHIL-2306
10. \_\_\_\_Complete the HESI A2 [admissions exam](#_E._Program_Application).
11. \_\_\_\_Obtain an American Heart Association Basic Life Support CPR w/AED certification.
12. \_\_\_\_Create a [SurPath](https://dallascollege.surpath.com) account to upload immunization records, physical exam report, etc. prior to the application filing deadline.
13. \_\_\_\_Watch the [Invasive Cardiovascular Technology Video Information Session](https://www.dallascollege.edu/cd/credit/pages/ecc-health-packets-sessions.aspx), with speakers turned on.
14. \_\_\_\_Follow directions given in the [Invasive Cardiovascular Technology Video Information Session](https://www.dallascollege.edu/cd/credit/pages/ecc-health-packets-sessions.aspx) to request:
	1. \_\_\_\_the **Secure Link** for uploading all application documents
	2. \_\_\_\_the link to the Cardiovascular Technology Application Instructions Packet
15. \_\_\_\_Upload [required materials](#_G._Invasive_Cardiovascular_1) to the **Secure Link** prior to the filing [deadline](#_H._Application_Filing).
	1. \_\_\_\_Completed Invasive Cardiovascular Application and signed Statement of Students’ Responsibility forms
	2. \_\_\_\_Official HESI A2 score sheet indicating minimum score of 70% on each of the five required sections of the test and Personality Profile and Learning Styles section results.
	3. \_\_\_\_Photocopy of your official Phi Theta Kappa membership card/certificate (if applicable).
	4. \_\_\_\_Copies of any educational plans, request for course substitution forms, etc. if applicable.

## Advanced Technical Certificate Track

This checklist is organized toward an applicant with college credits and/or an acceptable healthcare credential/experience.

1. \_\_\_\_Download and read through the Invasive Cardiovascular Technology [program information packet](https://www.dallascollege.edu/cd/credit/pages/ecc-health-packets-sessions.aspx).
2. \_\_\_\_At the link above, download and view the online information session. Complete and submit the questionnaire at the end of the video. Application forms will be emailed within 1-2 business days.
3. \_\_\_\_If you have questions about the program, email AskSOHS@dallascollege.edu.
4. \_\_\_\_Obtain the [immunization and physical examination](https://www.dallascollege.edu/cd/credit/pages/ecc-immunization-requirements.aspx) requirements document. *Some immunizations require multiple doses on a specific timeline over several months. Therefore, potential applicants should review their immunizations at least six to seven months prior to the application deadline.* Schedule and take your Hepatitis B titer test early.
5. \_\_\_\_Complete an [application for college admission](https://www.applytexas.org/), if not already a Dallas College student.
6. \_\_\_\_Submit official transcripts from all previously attended colleges/universities to studenttranscripts@dallascollege.edu or to Dallas College, Attn: Admissions Processing, 3737 Motley Drive, Mesquite, TX 75150.
7. \_\_\_\_See a [Success Coach](https://www.dallascollege.edu/resources/success-coaching/pages/default.aspx) (advisor) as needed for TSI counseling, placement testing, etc., and complete any developmental courses as may be determined from the test scores.
8. \_\_\_\_Verify eligibility to apply for the Advanced Technical Certificate by submitting an [Educational Plan](https://www.dallascollege.edu/cd/credit/pages/ecc-health-resources.aspx) for evaluation of completion of CVTT 1201, documentation of degree, and documentation of completed coursework in human anatomy and physiology and college math.
9. \_\_\_\_Certificate applicants may choose to enroll in or repeat the following courses which will be compared to those completed by Associate Degree applicants for a similar GPA for ranking:
	1. \_\_\_\_ENGL-1301
	2. \_\_\_\_BIOL-2401
	3. \_\_\_\_BIOL-2402
	4. \_\_\_\_MATH-1314
	5. \_\_\_\_PSYC-2301
	6. \_\_\_\_CVTT-1201
	7. \_\_\_\_SPCH-1311/1315/1321
	8. \_\_\_\_Humanities/fine arts elective
10. \_\_\_\_Complete the HESI A2 [admissions exam.](#_E._Program_Application)
11. \_\_\_\_Obtain an American Heart Association Basic Life Support CPR w/AED certification.
12. \_\_\_\_Create a [SurPath](https://dallascollege.surpath.com) account to upload immunization records, physical exam report, etc. prior to the application filing deadline.
13. \_\_\_\_Watch the [Invasive Cardiovascular Technology Video Information Session](https://www.dallascollege.edu/cd/credit/pages/ecc-health-packets-sessions.aspx), with speakers turned on.
14. \_\_\_\_Follow directions given in the [Invasive Cardiovascular Technology Video Information Session](https://www.dallascollege.edu/cd/credit/pages/ecc-health-packets-sessions.aspx) to request:
	1. \_\_\_\_the **Secure Link** for uploading all application documents
	2. \_\_\_\_the link to the Cardiovascular Technology Application Instructions Packet
15. \_\_\_\_Upload [required materials](#_G._Invasive_Cardiovascular_1) to the **Secure Link** prior to the filing [deadline](#_H._Application_Filing).
	1. \_\_\_\_Completed Invasive Cardiovascular Application and signed Statement of Students’ Responsibility forms
	2. \_\_\_\_Official HESI A2 score sheet indicating minimum score of 70% on each of the five required sections of the test and Personality Profile and Learning Styles section results.
	3. \_\_\_\_Photocopy of your official Phi Theta Kappa membership card/certificate (if applicable).
	4. \_\_\_\_Copies of any educational plans, request for course substitution forms, etc. if applicable.

# B. General Admission Requirements to the College

Applicants to the Invasive Cardiovascular Technology program must meet all [college admission requirements](https://www.dallascollege.edu/admissions/pages/default.aspx) as outlined in the official college catalog.

Applicants must have earned either a high school diploma or General Education Diploma (GED) in addition to complying with Texas Success Initiative (TSI) requirements before they will be eligible to apply to the program. Students should consult the Success Coach/advising office to determine their TSI status prior to application to a Health Sciences program.

## Official College Transcripts

Prior to application to the Invasive Cardiovascular Technology program, potential applicants must have submitted ***official transcripts from ALL colleges and universities the applicant has attended whether the coursework is or is not relevant to the program application***. Transcripts from Dallas College (formerly Dallas County Community College District) campuses are not required.

The transcripts must be current with the **print date no earlier than three years** prior to the applicant’s anticipated admission to the program unless the student has not had a break in enrollment with Dallas College since the transcripts were originally submitted. If the official transcripts have not been submitted, the individual’s application will be voided.

Official transcripts must be sent electronically from the applicant’s previous colleges to studenttranscripts@dallascollege.edu. Transcripts sent by the applicant in pdf or other formats are not accepted. Transcripts may also be mailed from a college in a sealed envelope to Dallas College, Attn: Admissions Processing, 3737 Motley Drive, Mesquite, TX 75150.

## Initial Advisement

Students who are beginning college for the first time will follow the [Steps to Enrollment](https://www.dallascollege.edu/admissions/application/pages/default.aspx) which will guide them from applying to the college system to placement testing, selecting a degree plan, contacting a Success Coach, and enrolling in basic courses. <https://www.dallascollege.edu/admissions/pages/new-credit-students.aspx>

A student who has not completed college coursework should request a general Associate of Science Degree plan from [Success Coaching](https://www.dallascollege.edu/resources/success-coaching/pages/centers.aspx) as a starting point toward future application to a health sciences program. ***Note: Additional learning frameworks courses may be required for certain students.***

# C. Prerequisite Courses

Applicants must complete the prerequisite courses listed below with a minimum cumulative grade point average of 2.50 or higher to apply to the Invasive Cardiovascular Technology program. The prerequisite GPA is considered in the point award ranking process.

|  |  |  |  |
| --- | --- | --- | --- |
| Prerequisite Courses | Lec Hrs | Lab Hrs | Cr Hrs |
| BIOL-2401\* Anatomy/Physiology I | 3 | 3 | 4 |
| BIOL-2402 Anatomy/Physiology II | 3 | 3 | 4 |
| ENGL-1301 Composition I | 3 | 0 | 3 |
| PSYC-2301 General Psychology | 3 | 0 | 3 |
| MATH-1314 College Algebra | 3 | 0 | 3 |
| CVTT-1201 Introduction to Cardiovascular Technology | 2 | 0 | 2 |
| SPCH-1311\*\* Introduction to Speech Communication | 3 | 0 | 3 |
| PHIL-2306 Introduction to Ethics | 3 | 0 | 3 |
| Total | 23 | 6 | 25 |

\* BIOL 1406 is the prerequisite course for BIOL 2401 and must be completed with a grade of “C” or higher within the last three years or present a satisfactory score on the CLEP Biology exam.

\*\* SPCH 1315 – Public Speaking or SPCH 1321 – Business and Professional Communication are also accepted for the speech requirement.

Note: all prerequisite courses MUST be completed with a grade of C or better.

## Advanced Technical Certificate consideration

Individuals who have earned a Bachelor or Associate degree may qualify to apply to the Invasive Cardiovascular Technology program for the Advanced Technical Certificate.

**Although the Advanced Technical Certificate program does not include formal prerequisite courses, an applicant to the ATC must have completed CVTT 1201 with a C or higher and have documented college coursework in human anatomy, human physiology and college math.**

Applicants for the Advanced Technical Certificate directly compete with applicants who are pursuing the Associate of Applied Science. Although a certificate applicant is not required to complete the entire 25 credit hours of Prerequisite courses, their transcripts will be evaluated for equivalent coursework to determine a similar grade point average calculation to that of an Associate of Applied Science applicant. Therefore, a potential certificate applicant should request an educational plan which will indicate the coursework which will be considered for the grade point average calculation. See section D below for more information on requesting an educational plan.

A certificate applicant may wish to complete some or all the Invasive Cardiovascular Technology Prerequisite courses to increase their grade point average and competitiveness in the applicant pool.

Potential certificate applicants with qualifying degrees from colleges and universities outside the U.S. must have their degrees evaluated by a transcript evaluation agency. This must be a course-by-course evaluation and not merely a validation of the degree. See [Foreign Coursework Evaluation Information for](https://www.dcccd.edu/cd/credit/pages/ecc-health-resources.aspx) a list of evaluation agencies.

# D. Previous coursework evaluation

Official transcripts are fully evaluated by the Dallas College Transcript Evaluation Center after a student has been enrolled for at least one regular semester. However, students can request an Educational Plan, an evaluation of their previous coursework toward a Health Sciences program. The [Educational Plan](https://forms.office.com/Pages/ResponsePage.aspx?id=U1R-1i9z3EqUpEiI8tl9XR-JTZXG4gtGtI5xwkPieuFUOFdER1BQS1k5TU02R09FQTU0WFVDTEJQWSQlQCN0PWcu) is a preliminary, unofficial degree plan for advisement purposes and only reflects specific courses toward a health sciences program. Educational Plans are optional and are not required for application to a health sciences program. They are usually completed within 4-8 weeks. An Educational Plan should be requested at least one semester prior to a program application filing deadline if possible.

***The School of Health Sciences and the Health Sciences Admissions Office reserve the right to accept or reject any coursework completed at other colleges presented for transfer evaluation toward Health Science programs***.

## Credit by Examination, CLEP and Advanced Placement Credit

Credit through CLEP, High School Advanced Placement (AP) Exams and Credit by Examination may be awarded for a limited number of courses toward Health Sciences programs including MATH 1314, PSYC 2301, and PSYC 2314. CLEP credit is not awarded for ENGL 1301. Advanced Placement (“AP”) credit for ENGL 1301, PSYC 2301, and MATH 1314 is acceptable if the credit appears on a college transcript as ENGL 1301, PSYC 2301, and MATH 1314 equivalency. A letter grade is not awarded for “AP” credit.

**Note:** **An applicant may present credit by exam, CLEP, or “AP” credit for 1 of the prerequisite courses. Credit will be acknowledged but not calculated with the grade point average.**

See detailed information regarding [Advanced Placement, CLEP, and Credit by Examination.](https://catalog.dallascollege.edu/content.php?catoid=2&navoid=271)

## Coursework from Institutions Outside of the United States

Some credits may be restricted or disallowed from colleges or universities outside the United States.[International Coursework Evaluation](https://www.dallascollege.edu/cd/credit/pages/ecc-health-resources.aspx) is a multi-step process which may take several weeks. **The student must be enrolled in credit classes at a Dallas College campus before the evaluation process can be initiated.**

# ­E. Program Application Exam (HESI A2)

The Invasive Cardiovascular Technology Program utilizes the HESI A2, a computerized test, as an application condition. The [HESI A2](https://www.dallascollege.edu/cd/credit/pages/ecc-hesi-a2-admissions.aspx) test is a timed test, usually completed in 3-4 hours. Applicants must earn a score of at least 70% on each of the 5 components **(Reading Comprehension, Grammar, Vocabulary/General Knowledge, Math, and Anatomy/Physiology).** Students must also complete the **Learning Styles and Personality Profile sections** and submit those results with their application materials. The Learning Styles and Personality Profile sections are not graded**.**

Please note the following important information regarding the HESI A2:

* Test scores are valid for **two years** from the date of testing to the application filing deadline date.
* Applicants may take the HESI A2 at any approved testing site. The cost is approximately $57.00 at the Downtown Health Sciences Center (formerly known as the Paramount Building) near the El Centro campus. Email 5tests@dallascollege.edu for instructions.
* HESI A2 testing is also available online for an additional cost. Please note: the Downtown Health Sciences Center does not offer online testing.
* **Applicants are responsible for securing their own testing appointment at the location of their choice.**  The procedure for making testing appointments and payment varies among testing sites. **Applicants are responsible for submitting their score sheet with their program application materials.**
* HESI A2 testing appointments at the El Centro campus fill quickly. Applicants are encouraged to schedule their HESI A2 several weeks prior to an application filing deadline. ***NOTE:* Score sheets may not be available for download from the Elsevier website for 2-3 days. Do not assume that you will have your score sheet to submit with application materials if you test on the application deadline date.**
* The **HESI A2 Study Guide** is available at various bookstores including the [Follett Bookstores](https://www.dallascollege.edu/resources/books/pages/bookstores.aspx) at Dallas College campuses. A **HESI A2 Prep** course is periodically offered by Continuing Education. Contact Continuing Education at ContinuingEd@dallascollege.edu for dates and times of the prep course.
* **There is no limit on the number of times an applicant may take the HESI A2 test for application to the Invasive Cardiovascular Technology program.** If the applicant desires to retake the HESI A2, the applicant must test on **all five sections** in one sitting. Only one score sheet with the required five sections can be submitted with scores of 70 or higher on each of the five required sections. Scores on individual test sections which are printed on separate score sheets cannot be combined. If more than one score sheet is submitted, the scores from the latest HESI testing attempt will be considered the official score. It is not necessary to repeat the Learning Styles and Personality Profile sections on retests. The printout of these sections can be submitted from any testing attempt.

See [HESI A2](https://www.dallascollege.edu/cd/credit/pages/ecc-hesi-a2-admissions.aspx) for more information on paying for and scheduling the HESI exam.

# F. Digital Records SurPath

Applicants to the Invasive Cardiovascular Technology program are required to have a current physical examination form, specific immunizations, a tuberculosis screening (TB test), and Healthcare Provider-level CPR certification. A background check and drug screening will be required before starting the program. The School of Health Sciences utilizes SurPath, a medical record management company, to verify these requirements. Applicants submit these forms directly to SurPath. Failure to submit and receive approval for this documentation will result in disqualification of the application.

The physical exam form and important information on immunizations are found at [Immunization Requirements](https://www.dallascollege.edu/cd/credit/pages/ecc-immunization-requirements.aspx).

Please allow 2-4 weeks for SurPath to verify the applicant’s records and respond to your submissions. This documentation must be kept current throughout the application process and, if accepted to the program, during the student’s enrollment in the program.

***Important Note: Some of the immunizations require multiple doses on a specific timeline over several months. Therefore, potential applicants to this program should begin their immunizations at least six (6) to seven (7) months prior to the application deadline. Additional proof of immunizations including titers may be required by clinical practicum sites.***

**SurPath Registration**

To set up your SurPath account, follow these directions:

1. Go to [dallascollege.surpath.com/Account/Login](https://dallascollege.surpath.com/Account/Login)

2. Click on the REGISTER button.

3. Follow the directions to enter your name, email, etc.

4. Choose the “Invasive Cardiovascular Technology” program on the pull-down menu.

5. Choose the “Unassigned-ICT” cohort on the pull-down menu.

Contact SurPath at clientservices@SurScan.com or 972-633-1388 for assistance in setting up your account.

For inquiries regarding your immunization records after upload, contact records@SurScan.com or 972-633-1388, extension 107.

# G. Invasive Cardiovascular Technology Application Materials Submission

The application materials below must be scanned as pdf documents and uploaded to the **Secure Link** (view [Information Session](https://www.dallascollege.edu/cd/credit/pages/ecc-health-packets-sessions.aspx) for instructions regarding how to request access to the **Secure Link**) by the application filing deadline:

1. \_\_\_\_Completed Invasive Cardiovascular Application and signed Statement of Students’ Responsibility form
2. \_\_\_\_Official HESI A2 score sheet indicating minimum score of 70% on each of the five required sections of the test and Personality Profile and Learning Styles section results
3. \_\_\_\_Photocopy of your official Phi Theta Kappa membership card/certificate (if applicable)
4. \_\_\_\_Copies of any educational plans, request for course substitution forms, etc. if applicable

# H. Application Filing Period

The official application filing period for the **May 2026** class of the Invasive Cardiovascular Technology program:

***January 1 – February 28,* 2026**

**Notification emails are sent by March 28, 2026.**

**Complete application materials must be uploaded to the Secure Link by the application filing deadline. Application materials are not accepted in person, by email or by conventional mail.**

# I. Selection Process

Applicants during the Official Application Filing Period are selected for acceptance to the Invasive Cardiovascular Technology program via the following competitive ranking process:

1. Applicants are listed by cumulative grade point average (GPA) on the 25-credit hour Invasive Cardiovascular Prerequisite Courses from highest (4.00) to lowest (2.50) to initially rank applicants.
2. When two or more applicants have the same cumulative GPA on the Invasive Cardiovascular Prerequisite Courses, the combined GPA on the two Anatomy/Physiology courses (BIOL 2401 and BIOL 2402) will be listed to break the tie.
3. When two or more applicants have the same cumulative GPA on the Invasive Cardiovascular Prerequisite Courses and the same combined GPA on the two anatomy/physiology courses, the applicant who has submitted their Phi Theta Kappa membership card will be selected first.
4. When two or more applicants have the same cumulative GPA on the Invasive Cardiovascular Prerequisite Courses, the same combined GPA on the two anatomy/physiology courses, and are members of Phi Theta Kappa, the cumulative score on the five required sections of the HESI A2 will be used to break the tie.

The table below illustrates the ranking process for a sample group of applicants:

## Example of Ranking Process

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | GPA on Invasive Cardiovascular Prerequisite courses | Combined GPA on Anatomy/Physiology courses (BIOL 2401/2402) | PTK membership  | Cumulative Score on the five sections of the HESI A2 test |
| Applicant #1 | 4.00 | 4.00 | Yes | 331.00 |
| Applicant #2 | 3.76 | 3.50 |  | 347.00 |
| Applicant #3 | 3.53 | 3.50 | Yes | 328.00 |
| Applicant #4 | 3.53 | 3.50 | Yes | 324.00 |
| Applicant #5 | 3.23 | 2.50 |  | 312.00 |
| Applicant #6 | 3.00 | 3.50 |  | 286.00 |
| Applicant #7 | 2.50 | 2.00 |  | 297.00 |

 If six spaces were available, applicants 1 through 6 would be accepted

## Notification of Acceptance

Individuals who receive an acceptance email are required to return a confirmation form within a specified timeframe to verify their space in the class. Failure to return the confirmation form by the specified date or failure to attend the scheduled preregistration/orientation seminar for the accepted class will result in forfeiture of their space in that class.

Application materials are not “held over” to the next application filing period. Students who are not selected for admission to the program or students who decline their acceptance may reapply again during the next filing period to be considered for a future admission opportunity.

## Late Application Guidelines

In the rare event that all individuals on the ranked are accepted and there are vacancies in the May semester class, **late applications received March 1 - March 10** will be ranked ordered in a separate list to fill the remaining spaces. Students selected from the late applicant pool will be notified of acceptance status **after May 15th**. Any spaces which remain in the May semester class after this late application procedure is completed will be filled on a first-come, first-served basis up until the first class day of the May semester.

***Note: It should not be assumed that late applications will be necessary for every May Invasive Cardiovascular Technologist class.***

#  J. Curriculum Overview - Invasive Cardiovascular Technology

## Associate Degree Track

|  |
| --- |
| Prerequisites |
| Course | Title | Lecture Hours | Lab Hours | Credit Hours |
| ENGL-1301 | Composition I | 3 | 0 | 3 |
| BIOL-2401 | Anatomy & Physiology I | 3 | 3 | 4 |
| BIOL-2402 | Anatomy & Physiology II | 3 | 3 | 4 |
| MATH-1314 | College Algebra | 3 | 0 | 3 |
| SPCH-1311 | Introduction to Speech Communications | 3 | 0 | 3 |
| PSYC-2301 | General Psychology | 3 | 0 | 3 |
| CVTT-1201 | Introduction to Cardiovascular Technology | 2 | 0 | 2 |
| PHIL-2306 | Introduction to Ethics | 3 | 0 | 3 |
| Subtotal |  23 | 6 | 25 |

|  |
| --- |
| Semester 1 – Maymester |
| Course | Title | Lecture Hours | Lab Hours | Credit Hours |
| CVTT-1270 | Cardiac Catheterization Lab Concepts and Techniques | 1 | 4 | 2 |
| Subtotal | 1 | 4 | 2 |

|  |
| --- |
| Semester 2 – Summer (June) |
| Course | Title | Lecture Hours | Lab Hours | Credit Hours |
| CVTT-1313 | Catheterization Lab Fundamentals I | 2 | 3 | 3 |
| CVTT-1304 | Cardiovascular Anatomy & Physiology | 3 | 1 | 3 |
| Subtotal | 5 | 4 | 6 |

|  |
| --- |
| Semester 3 - Fall |
| Course | Title | Lecture Hours | Lab Hours | Credit Hours |
| CVTT-1340 | Cardiovascular Pathophysiology | 3 | 0 | 3 |
| CVTT-1110 | Cardiac Catheterization I | 1 | 1 | 1 |
| CVTT-1350 | Cardiac Catheterization II | 2 | 3 | 3 |
| CVTT-1307 | Cardiovascular Instrumentation | 2 | 3 | 3 |
| CVTT-1264 | Practicum – Cardiovascular Technology | 0 | 0 | 2 |
| Subtotal | 8 | 7 | 12 |

|  |
| --- |
| Semester 4 - Spring |
| Course | Title | Lecture Hours | Lab Hours | Credit Hours |
| CVTT-1471\*\* | Peripheral Vascular Studies, Radiologic Principles and RCIS Board Review | 3 | 3 | 4 |
| CVTT-1153 | Catheterization Lab Fundamentals II | 1 | 1 | 1 |
| CVTT-1491 | Special Topics in Cardiovascular Technology / Technician | 3 | 3 | 4 |
| CVTT-1365 | Practicum – Cardiovascular Technology | 0 | 0 | 3 |
| Subtotal | 7 | 7 | 12 |

\*\* CVTT 1471 – Cardiac Professional Transition contains the Capstone experience in the Invasive Cardiovascular Technology Associate Degree program

|  |
| --- |
| Semester 5 – Summer (June) |
| Course | Title | Lecture Hours | Lab Hours | Credit Hours |
| CVTT-2364 | Practicum – Cardiovascular Technology | 0 | 0 | 3 |
| Subtotal | 0 | 0 | 3 |
| Program Total |  44  | 28 | 60 |

## Advanced Technical Certificate Track

Applicants to the Advanced Technical Certificate must have earned a Bachelor or Associate degree, completed CVTT 1201 with C or higher and have documented equivalent coursework in human anatomy, human physiology and college math. An applicant’s coursework will be evaluated alongside the prerequisite courses for the Associate of Applied Science curriculum track to calculate a similar qualifying grade point average.

|  |
| --- |
| Prerequisites |
| Course | Title | Lecture Hours | Lab Hours | Credit Hours |
| CVTT-1201 | Introduction to Cardiovascular Technology | 2 | 0 | 2 |
| Subtotal | 2 | 0 | 2 |

|  |
| --- |
| Semester 1 – Maymester |
| Course | Title | Lecture Hours | Lab Hours | Credit Hours |
| CVTT-1270 | Cardiac Catheterization Lab Concepts and Techniques | 1 | 4 | 2 |
| Subtotal | 1 | 4 | 2 |

|  |
| --- |
| Semester 2 – Summer (June) |
| Course | Title | Lecture Hours | Lab Hours | Credit Hours |
| CVTT-1313 | Catheterization Lab Fundamentals I | 2 | 3 | 3 |
| CVTT-1304 | Cardiovascular Anatomy & Physiology | 3 | 1 | 3 |
| +Elective | Humanities/Fine Arts Elective | 3 | 0 | 3 |
| Subtotal | 8 | 4 | 9 |

|  |
| --- |
| Semester 3 - Fall |
| Course | Title | Lecture Hours | Lab Hours | Credit Hours |
| CVTT-1264 | Practicum – Cardiovascular Technology | 0 | 0 | 2 |
| CVTT-1340 | Cardiovascular Pathophysiology | 3 | 0 | 3 |
| CVTT-1110 | Cardiac Catheterization I | 1 | 1 | 1 |
| CVTT-1350 | Cardiac Catheterization II | 2 | 3 | 3 |
| CVTT-1307 | Cardiovascular Instrumentation | 2 | 3 | 3 |
| Subtotal | 8 | 7 | 12 |

|  |
| --- |
| Semester 4 - Spring |
| Course | Title | Lecture Hours | Lab Hours | Credit Hours |
| CVTT-1471\*\* | Peripheral Vascular Studies, Radiologic Principles and RCIS Board Review | 3 | 3 | 4 |
| CVTT-1153 | Catheterization Lab Fundamentals II | 1 | 1 | 1 |
| CVTT-1491 | Special Topics in Cardiovascular Technology / Technician | 3 | 3 | 4 |
| CVTT-1365 | Practicum – Cardiovascular Technology | 0 | 0 | 3 |
| Subtotal | 7 | 7 | 12 |

|  |
| --- |
| Semester 5 – Summer (June) |
| Course | Title | Lecture Hours | Lab Hours | Credit Hours |
| CVTT-2364 | Practicum – Cardiovascular Technology | 0 | 0 | 3 |
| Subtotal | 0 | 0 | 3 |
| Program Total |  26  | 22 | 40 |

+ Humanities/Fine Arts Elective - Suggested courses include: ARTS 1301, DANC 2303, DRAM 1310, HUMA 1315, MUSI 1306, PHIL 1301, PHIL 1304, selected ENGL literature courses at the 2000 level or higher, sophomore level foreign languages such as SPAN 2311. Humanities/Fine Arts Elective must be selected from the AAS Core Options for Humanities/Fine Arts.

+CVTT 1471 – Cardiac Professional Transition contains the Capstone experience in the Invasive Cardiovascular Technology Associate of Applied Science Degree program

# K. Estimated Expenses for Invasive Cardiovascular Technology

This estimate is for the Associate Degree Track:

|  |
| --- |
| Prerequisites |
|  | Dallas County Resident | Out of County | Out of State |
| Tuition/Textbooks (25 Credits)\* | $1,975 | $3,375 | $5,000 |
| HESI A2 Test | $57 | $57 | $57 |
| SurPath Account | $105 | $105 | $105 |
| Physical Exam & Immunizations + | $225 | $225 | $225 |
| CPR Certification | $65 | $65 | $65 |
| Subtotal | $2,427.00 | $3,827.00 | $5,452.00 |

|  |
| --- |
| Semester 1 |
|  | Dallas County Resident | Out of County | Out of State |
| Tuition/Textbooks (2 Credits) | $158 | $270 | $400 |
| Subtotal | $158.00 | $270.00 | $400.00 |

|  |
| --- |
| Semester 2 |
|  | Dallas County Resident | Out of County | Out of State |
| Tuition/Textbooks (6 Credits) | $474 | $810 | $1,200 |
| Background Check/Drug Screen | $86 | $86 | $86 |
| Uniform/Lab coat | 50.00 | 50.00 | 50.00 |
| Subtotal | $610.00 | $946.00 | $1,336.00 |

|  |
| --- |
| Semester 3 |
|  | Dallas County Resident | Out of County | Out of State |
| Tuition (12 Credits) | $948 | $1,620 | $2,400 |
| Film Badge | 16.80 | 16.80 | 16.80 |
| Subtotal | $964.80 | $1,636.80 | $2,416.80 |

|  |
| --- |
| Semester 4 |
|  | Dallas County Resident | Out of County | Out of State |
| Tuition (12 Credits) | $948 | $1,620 | $2,400 |
| Film Badge | 16.80 | 16.80 | 16.80 |
| Subtotal | $964.80 | $1,636.80 | $2,416.80 |

|  |
| --- |
| Semester 5 |
|  | Dallas County Resident | Out of County | Out of State |
| Tuition (3 Credits) | $237 | $405 | $600 |
| Film Badge | 16.80 | 16.80 | 16.80 |
| Subtotal | $253.80 | $421.80 | $616.80 |
| Program Total Estimate | $5,378.40 | $8,738.40 | $12,638.40 |

\*Tuition now includes textbook costs. These and other fees are subject to change. See official catalog for tuition table. A Tuition [Payment Plan](https://www.dcccd.edu/paying-for-college/payments/pages/payment-plans.aspx) option is available in fall and spring semesters.

+ Estimated cost of physical exam and immunizations.

Students who are accepted to the Associate of Applied Science, Invasive Cardiovascular Technology program who reside in Collin or Tarrant Counties may qualify for the “Dallas Resident” tuition rate.

Other costs to consider: Personal health care insurance coverage, transportation and parking fees to the El Centro campus and hospital practicum sites.

# L. Invasive Cardiovascular Technology General Information

1. The Invasive Cardiovascular Technology Program at the El Centro campus accepts 12\* students annually for their **May** class. Program classes are offered during daytime hours.

The School of Health Sciences reserves the right to make changes in program enrollment capacity.

1. The clinical practicum experience of the Invasive Cardiovascular Technology Program usually requires that a student be physically able to care for sick patients; this may involve lifting, moving, and transferring patients. Students will be exposed to patients with infectious diseases. Protective and precautionary procedures are employed. The program requires the use of x-ray devices for visualization. The program will require students to stand for up to four hours at a time and wear a lead apron weighing 15 to 20 pounds while doing so.
2. Many of the Invasive Cardiovascular Technology Prerequisite courses are offered online. See the presentation [Getting Ready for Online Learning](https://www.dallascollege.edu/cd/credit/online-learning/getready/pages/default.aspx) to see if you are a good candidate for online learning.
3. Students are responsible for obtaining their own living accommodations. It is also necessary for students to consider transportation costs to the college, as well as hospitals throughout the Metroplex. Clinical practicum rotations vary among select hospitals. Any parking fees at the El Centro campus and/or the hospital practicum site are the responsibility of the student.
4. Applicants to the Invasive Cardiovascular Technology Program must submit physical examination and immunization documentation to SurPath no later than the program application deadline. Download more information at [[Physical Exam and Immunization Requirements](https://www.dallascollege.edu/cd/credit/pages/ecc-immunization-requirements.aspx)](https://www.dcccd.edu/cd/credit/pages/ecc-immunization-requirements.aspx).

The physical examination must be on the **official physical form** and must have been documented no earlier than 12 months prior to the application deadline. The specific immunizations and screenings are indicated on the health form. **Note: Additional proof of immunizations including titers may be required by hospital practicum sites.**

1. All applicants must be certified in Basic Life Support CPR certification (formerly “Healthcare Provider” Level) as designated by the **American Heart Association** and a photocopy of the front and back of the card must be submitted to SurPath no later than the program application deadline. The CPR certification must not expire prior to the anticipated program entry date and must not expire during a semester when enrolled in the program. CPR classes are available through the Dallas College Continuing Education Division, the American Heart Association, various hospitals, independent instructors, etc. **Online CPR certification classes must include an in-person skills check off on a manikin. Totally online CPR certification classes are not valid for application to allied health programs.**
2. Proof of current personal healthcare insurance coverage is required for all allied health students. **If documentation of coverage is not submitted to SurPath with immunization records, proof of coverage must be submitted prior to the first day of class.** Students must secure their own coverage and the insurance policy must cover the student at any hospital facility. Information on college student policies and rates can be found at <https://www.healthcare.gov>.
3. Clinical practicum opportunities may be limited for students without Social Security numbers. If accepted to the program, a student must contact their Designated School Officer (DSO) regarding eligibility to obtain a Social Security number before graduation from the program for future employment opportunities. **A Social Security number is required to take the LMRT exam.**
4. All students enrolled in Health Science programs are required by the Dallas/Fort Worth Hospital Council member facilities to undergo a [Criminal Background Check and Drug Screen](https://www.dcccd.edu/cd/credit/pages/ecc-health-resources.aspx) prior to beginning their clinical practicum experience. Students are responsible for all charges incurred (approximately $86.00) for these screenings. **This procedure is conducted after a student has been accepted to their respective program.**

Results of these screenings are forwarded to the School of Health Sciences for review and verification that a student is eligible to attend clinical practicum. All background checks and drug screening results become the property of the Health Sciences Division and will not be released to the student or any other third party.

A clinical agency reserves the right to remove a student from the facility for suspicion of substance use or abuse including alcohol. The clinical agency reserves the right to request that a student submit to a repeat drug screening at the student’s expense on the same day that the student is removed from the clinical facility. Failure to comply will result in the student’s immediate expulsion from the clinical facility. Furthermore, regardless of testing or testing results, a clinical agency reserves the right to expel a student from their facility.

**Note: Should a student who has been accepted to a Health Science program be prohibited from attending a clinical practicum experience due to findings of a criminal background check and/or drug screening, the student may be dismissed from the Health Science program.**

1. Clinical practicum assignments for the Invasive Cardiovascular Technology Program vary from semester to semester from the list below:

|  |  |
| --- | --- |
|  |  |
| Baylor Scott & White – Grapevine | **Baylor Scott & White – Sunnyvale** |
| The Heart Hospital Baylor - Dallas | **Dallas Regional Medical Center** |
| Medical City Heart & Spine Hospital | **Medical City Dallas Hospital**  |
| Medical City Children’s Hospital - Dallas | **Methodist Medical Center - Richardson** |
| Methodist Dallas Medical Center  | **Medical City Hospital - McKinney** |
| Texas Health Dallas Presbyterian | **Texas Health Plano** |
| UT Southwestern Medical Center  | **Parkland Health** |

1. Dallas College students who are enrolled in 6 credit hours or more during a fall or spring semester and 3 credit hours or more during a summer semester are entitled to a free [DART Go-Pass](https://www.dallascollege.edu/resources/dart-gopass/pages/default.aspx) for that semester. DART passes are available two weeks after the semester begins.

1. Individuals who were first-time college freshman students in Fall 2007 or after are subject to the guidelines of section 51.907 of the Texas Education Code which prohibits a student from dropping more than six (6) college level credit courses during their entire undergraduate career. See [Six Drop Rule](https://econnect.dcccd.edu/DroppingFacts.jsp) for more information.
2. Dallas College charges a higher tuition rate for courses in which a student registers for the third or more times. The [Third Attempt Policy](https://district.custhelp.com/app/answers/detail/a_id/1214/c/145%2C146/session/L3RpbWUvMTcxMzI4NzYwMi9zaWQvNkpBSk9YeXE%3D) includes courses taken at any of the Dallas College campuses since the Fall 2002 semester. Developmental courses are not considered in this policy.
3. A student may apply to more than one School of Health Sciences (SoHS) program during a given filing period. However, if the student receives an acceptance letter to a specific program, confirms their intent to enter that program, and registers for program courses, their application to any other program that may share that filing period will be null and void.

Further, an individual accepted for admission and currently enrolled in an SoHS program may not apply or be considered for admission selection for another SoHS program unless their current program of study will complete before the second program curriculum begins.

Note: An individual cannot earn both the Associate Degree and the Advanced Technical Certificate in this program.

1. Financial Aid: Students should apply for [financial aid](https://www.dcccd.edu/paying-for-college/financial-aid/pages/default.aspx) well in advance of program application.

## Invasive Cardiovascular Technology Contact Information

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