



*The Center for Allied Health
and Nursing*

El Centro College

Invasive Cardiovascular Technology

- Revised for June 2019 application -

The Invasive Cardiovascular Technology program is a two-year, 60-credit-hour curriculum leading to the Associate Degree in Invasive Cardiovascular Technology as well as a 31 credit hour Advanced Technical Certificate. This information packet contains application eligibility guidelines for both curriculum tracks for application to the June 2018 program only.

The program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP 25400 U.S. Highway 19 North, Suite 158, Clearwater, FL 33763, Phone: (727) 210-2350, www.caahep.org) in cooperation with the Joint Review Committee on Education in Cardiovascular Technology. Graduates from the program are eligible to write 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 26 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 June of each year and encompass 12 months of specific lecture, laboratory, and clinical 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. By submitting an application packet, an individual verifies that they have 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 El Centro College without regard to race, color, age, national origin, religion, sex, disability, or sexual orientation.

ELIGIBILITY TO APPLY TO ALLIED HEALTH ASSOCIATE DEGREE PROGRAMS

In order to apply to the June 2018 Invasive Cardiovascular Technology program, an applicant must meet the conditions of one of the following Application Eligibility categories (as well as meet other application requirements) prior to the application deadline:

1. Completion of the six HPRS courses (HPRS 1202, HPRS 1204, HPRS 2201, HPRS 2210, HPRS 2231, HPRS 2300) for the Health Professions Readiness Awards I and II; **OR,**
2. Documentation of a minimum of two (2) years employment as a healthcare worker with direct patient care experience within the last five (5) years by successful completion of the Prior Learning Assessment Portfolio, programmatic assessment exams, or course work demonstrating the skills/knowledge encompassing the content of the six HPRS courses; **OR,**

3. Documentation of a current professional credential in a healthcare profession as approved by the Invasive Cardiovascular Technology program coordinator.

NOTE: Applicants with certain Associate or Bachelor degrees in areas such as Radiography, Nursing, Respiratory Care, etc. may qualify to apply to the program through the Advanced Technical Certificate curriculum track. See page 4 for details.

For specific information regarding these Application Eligibility categories, see the guidelines at the following link:

<https://www.EICentroCollege.edu/health-app-eligibility>

A. GENERAL ADMISSION REQUIREMENTS TO THE COLLEGE

Applicants to the Invasive Cardiovascular Technology program must meet college admission requirements of El Centro College outlined in the official college catalog at <https://www.EICentroCollege.edu/apply-reg>. Applicants must have earned either a high school diploma or General Education Diploma (GED) certificate in addition to complying with Texas Success Initiative (TSI) requirements. Students should consult the college counseling office to determine their TSI status prior to application to a Health Occupations program.

All students applying or enrolled at a Dallas County Community college are required to submit their Social Security number to the Registrar's Office. Students who do not possess a Social Security number must complete a form obtained at the Registrar's Office. For more information, consult a Registrar/Admissions Office at any Dallas County Community college.

Official College Transcripts

Prior to application to a health occupations program, potential applicants must have submitted to the Registrar/Admissions Office at one of the seven Dallas County Community colleges ***official transcripts from all colleges and universities the applicant has attended whether or not the coursework is relevant to the program application.*** The transcripts must be current with the ***print date no earlier than three years*** prior to the applicant's anticipated admission to a health occupations program. If the official transcripts have not been submitted, the individual's application to a health occupations program will be voided.

Initial Advisement

Students who are beginning college for the first time or who need assistance with placement testing, TSI issues, and/or registration for prerequisite courses must visit with an academic advisor in the College Counseling Center as their first step toward future application to a health occupations program. The student who has not completed college coursework should request a general Associate Degree plan from the Counseling Center as a starting point toward application to a health occupations program. ***NOTE: Additional assessment testing in computer literacy and learning frameworks courses may be required for certain students. See an Academic Advisor for more information.***

Program Information Sessions

Potential applicants are required to view an online Invasive Cardiovascular program information session where the program, application procedures, and acceptance policies are discussed in detail. The web link for the Invasive Cardiovascular Technology program online information session is found at:

<https://www.EICentroCollege.edu/Programs/Health-Sessions>.

B. APPLICATION REQUIREMENTS TO THE INVASIVE CARDIOVASCULAR TECHNOLOGY PROGRAM

ASSOCIATE DEGREE CURRICULUM TRACK

Application to the Associate Degree curriculum track for the Invasive Cardiovascular Technology program requires the following steps:

- Application and current admission to a Dallas County Community college.
- Viewing an online Invasive Cardiovascular Technology program information session.
- Meeting one of the three Application Eligibility Categories (see page 1).
- Completion of the 26 credit hours of Invasive Cardiovascular Prerequisite courses with a minimum grade point average of 2.50 or higher on those specific courses and a minimum grade of “C” in each course.
- Completion of the HESI A² test with a minimum score of 70 on each of the required sections (Reading Comprehension, Mathematics, Grammar, Anatomy/Physiology, and Vocabulary/General Knowledge).
- Submission of complete documentation of current physical exam, tuberculosis screening, required immunizations and CPR certification to Castle Branch.
- Submission of complete application materials to the Health Occupations Admissions Office during a designated filing period.

INVASIVE CARDIOVASCULAR PREREQUISITE COURSES

			Lec Hrs	Lab Hrs	Ext Hrs	Cont Hrs	Cr Hrs
BIOL	2401*	Human Anatomy/Physiology I	3	3	0	96	4
BIOL	2402*	Human Anatomy/Physiology II	3	3	0	96	4
ENGL	1301	Composition I	3	0	0	48	3
PSYC	2301	General Psychology	3	0	0	48	3
MATH	1314	College Algebra	3	0	0	48	3
SPCH	1311	Introduction to Speech Communication	3	0	0	48	3
HIST	1301	U.S. History	3	0	0	48	3
		Humanities elective**	<u>3</u>	<u>0</u>	<u>0</u>	<u>48</u>	<u>3</u>
TOTAL PROGRAM PREREQUISITES			24	6	0	480	26

* **IMPORTANT NOTE:** BIOL 2401 and BIOL 2402 are now the required anatomy/physiology prerequisite courses. BIOL 1406 is the required prerequisite for enrollment into BIOL 2401. A CLEP test is also available for BIOL 1406. There is no longer a five year time limit on BIOL 2401 and BIOL 2402 if the applicant scores 70 or higher on the anatomy/physiology section of the HESI A² which is required for application to this program. SCIT anatomy/physiology courses are no longer accepted for this program.

** Humanities elective must be chosen from the Humanity, Creativity and Aesthetic Experience section of the general Associate Degree of Arts/Sciences degree plan. See the current El Centro College catalog for a full list of accepted courses. **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.**

A minimum grade of “C” is required in each Invasive Cardiovascular Technology prerequisite course.

INVASIVE CARDIOVASCULAR SUPPORT COURSE

The following course is included within the Invasive Cardiovascular Technology Associate Degree curriculum track. This course may be completed prior to application to the program or completed once admitted to the program, with the other CVTT program courses. The course must be complete before or with the final semester of the program in order to graduate.

			Lec Hrs	Lab Hrs	Ext Hrs	Cont Hrs	Cr Hrs
PSYC	2314	Lifespan Human Growth & Development	3	0	0	48	3

ADVANCED TECHNICAL CERTIFICATE

Individuals who have earned an Associate Degree or Bachelor's Degree in a health care area **with direct patient care experience** (see Eligibility Category 3 on page 1 of this packet) may qualify to apply to the Invasive Cardiovascular Technology program for the Advanced Technical Certificate. **Potential certificate applicants should submit their official transcripts, health care credentials and work history to the Health Occupations Admissions Office for evaluation and verification of application track.**

Although the Advanced Technical Certificate program does not include formal prerequisite courses, an applicant to the ATC must have documented college coursework in human anatomy, human physiology, college level math, pharmacology, and ECG experience or have coursework which includes that content.

Applicants to the Advanced Technical Certificate directly compete with applicants who are pursuing the Associate Degree. Although a certificate applicant is not required to complete the entire 26 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 Degree 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 C below for more information on requesting an educational plan.

A certificate applicant may wish to complete some or all of 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. For a list of evaluation agencies, see the link for Foreign Coursework under the "Resources for Potential Applicants" link at:

<https://www.ElCentroCollege.edu/HealthOccAdmissions>

C. EVALUATION OF PREVIOUS COURSEWORK

To insure the transferability of previous coursework completed at colleges and universities other than Dallas County Community colleges, potential applicants to health occupations programs should have their coursework evaluated by the Health Occupations Admissions Office at least one semester prior to a program application filing deadline if possible. **This procedure is especially important for students with coursework from colleges and universities outside the state of Texas.**

Transcripts and accompanying course descriptions will first be evaluated by the Health Occupations Admissions Office and, if necessary, be reviewed by respective college faculty for that course discipline. When all courses have been reviewed, an Educational Plan will be prepared for the student. The Educational Plan is accepted as a preliminary “degree plan” for student advisement purposes.

These evaluations are usually completed within 4-6 weeks. **The evaluation process is not completed during individual appointments or on an “as you wait” basis.** During peak times such as registration or after the close of the semester when faculty are unavailable, an evaluation may take longer to complete. Therefore, it is to the applicant’s advantage to request the Educational Plan at their earliest convenience prior to application to the program.

The El Centro College Health Occupations Admissions Office and the Health Sciences Division reserves the right to accept or reject any coursework completed at other colleges presented for transfer evaluation toward Health Occupations programs.

For more information on requesting evaluation of your previous coursework and the Educational Plan, download the guidelines and Request for Educational Plan form under the “Resources for Potential Applicants” link at: <https://www.ElCentroCollege.edu/HealthOccAdmissions>.

Determination of Application Eligibility Category

As part of the Educational Plan process, potential applicants should include additional documentation such as an employer/supervisor letter verifying direct patient care experience, a professional healthcare credential, etc. with the Educational Plan request form which will assist them in determining their Application Eligibility category. See page 9 for examples of documents needed for Categories 2 and 3. Coursework for potential applicants completing the HPRS courses for Category 1 are automatically considered in the Educational Plan review process.

Credit by Examination, CLEP, and Advanced Placement Credit

Credit through CLEP, High School Advanced Placement Exams and Credit by Examination may be awarded for a limited number of courses toward Health Occupations programs.

Advanced Placement (“AP”) credit for ENGL 1301 is acceptable if the credit appears on a college transcript as ENGL 1301 equivalency. A letter grade is not awarded for “AP” credit.

NOTE: An applicant to the Invasive Cardiovascular Technology program may present credit by exam, CLEP, or “AP” credit for only two courses from the Invasive Cardiovascular Technology Prerequisite courses. Credit will be acknowledged but not calculated with the grade point average. Credit by exam, CLEP, and AP credit IS NOT accepted for anatomy/physiology Prerequisite courses (BIOL 2401, BIOL 2402) for the Invasive Cardiovascular Technology program.

Detailed information regarding Advanced Placement, CLEP, and Credit by Examination can be found under the “Resources for Potential Applicants” link at:

<https://www.ElCentroCollege.edu/HealthOccAdmissions>.

Coursework from Foreign Universities

Only courses such as college algebra and anatomy/physiology may be considered for transfer to Health Occupations programs from colleges or universities outside the United States. No other courses will be considered. Science courses must be within the five-year time limit. **This evaluation is a multi-step process which may take several weeks.** The

student must also be enrolled in credit classes at a DCCCD campus before the evaluation process can be initiated.

For more information regarding the evaluation of foreign coursework for transfer credit, see the "Resources for Potential Applicants" link at:

<https://www.ElCentroCollege.edu/HealthOccAdmissions>.

D. HESI A² Test

The HESI A² test is a timed, computerized test which is usually completed in 3-4 hours. In addition to completing the Invasive Cardiovascular Technology Prerequisite courses, all applicants to the program must also earn **a minimum score of 70 or higher** on the following sections of the HESI A² test: **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 including the assessment centers at El Centro and Northlake Colleges. The approximate cost of the HESI test at El Centro College (Paramount Building) is \$40.00.
- **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 El Centro College 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 at El Centro and Northlake Colleges. A **HESI A² Prep** course is periodically offered by the El Centro College Continuing Education Division. Contact that office at 214-860-2147 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, **ALL FIVE SECTIONS** must be retaken. Only one score sheet should 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 the scores of record. 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.

- Before retesting, the applicant is encouraged to review the study guide and/or enroll in the HESI A² prep course to prepare for the retest opportunity.

More information on the HESI A² and the process for scheduling a testing appointment to take the HESI A² at El Centro College is available at:

<https://www.ElCentroCollege.edu/HealthOccAdmissions>

E. Castle Branch

Applicants to the Invasive Cardiovascular Technology program are required to have a current physical examination, specific immunizations, a tuberculosis screening, and certification in BLS - Basic Life Support CPR. The El Centro College Health Sciences Division utilizes Castle Branch, a medical record management company, to verify these requirements. Applicants submit this documentation directly to Castle Branch which will verify whether the records are complete.

IMPORTANT NOTE: Some of the immunizations required multiple doses on a specific timeline over several months. Therefore, potential applicants to this program should begin their immunizations at least six to seven months prior to the application deadline.

Castle Branch must receive this documentation and verify that the applicant's records are in compliance no later than the application filing deadline. Please be aware that it can take **up to 4 weeks** to complete the verification process. Failure to submit this documentation and be in compliance with these requirements on the date of the application deadline will result in disqualification of the applicant. Applicants must be aware that the documentation required by Castle Branch must be kept current throughout the application process and (if accepted to a program) during their participation in the program. It is the responsibility of the applicant to assure that your health records are current.

For more information on Castle Branch and this process, see the "Immunization Requirements" link at:

<https://www.ElCentroCollege.edu/HealthOccAdmissions>

If the applicant has personal healthcare coverage at the time of application, that documentation may also be submitted to Castle Branch. If accepted to the program, the applicant must submit proof of coverage to Castle Branch prior to attending clinical practicum. For more information, see item 7 on page 16 of this packet.

F. INVASIVE CARDIOVASCULAR TECHNOLOGY PROGRAM APPLICATION PACKET SUBMISSION – JUNE 2019 SELECTION PROCESS

After completing the Invasive Cardiovascular Technology Prerequisite courses, the designated sections of the HESI A² test, and sending the required physical exam, immunization and CPR certification documentation to Castle Branch, the student is ready to submit their application packet.

READ THE FOLLOWING INSTRUCTIONS CAREFULLY.

Applicants must submit complete application materials to the El Centro College Health Occupations Admissions Office either in person or by mail on or before the application filing deadline.

Application packets with incomplete materials will be disqualified and will be returned to the applicant.

The application materials must be submitted in a 9 x 12 inch envelope and include the following documentation to be considered complete and valid:

1. **DOCUMENTATION OF APPLICATION ELIGIBILITY**

Category 1 - Completion of the six HPRS courses will be verified on official transcripts and/or the advising report.

Category 2 - The following documentation must be submitted with application materials:

Official letter from your place of employment on original healthcare facility letterhead with the ink signature of your supervisor verifying your employment position, specific duties, and employment dates (minimum 2 years of direct patient care experience within the last 5 years)

AND

A photocopy of the Non-traditional Equivalent Credit Assessment form signed by the HPRS Coordinator and Division Dean if credit for one or more HPRS courses was awarded through the prior Learning Assessment Portfolio process or if credit was awarded through a programmatic assessment exam. (See page 1 for details.)

If an applicant under Category 2 enrolled and completed one or more HPRS courses through traditional enrollment, the coursework will be verified on official transcripts and/or the advising report.

Category 3 – The following documentation must be submitted with application materials:

Photocopy of a current professional healthcare credential such as a nursing license, ARRT registry, CST certification, CCIS registry, CMA certification, etc.

AND

Official transcript or other official document authenticating the completion of the qualifying degree or certificate.

2. A completed **Invasive Cardiovascular Technology program application form and the signed Statement of Student's Responsibility form** (both forms are obtained after viewing the online program information session).

3. The **HESI A² score sheet(s)** indicating achievement of a **minimum score of 70 or higher on each of the five required sections and the Learning Styles/Personality Profile results.**

NOTE: Applicants are solely responsible for ensuring that their current official transcripts from ALL PREVIOUSLY ATTENDED COLLEGES AND UNIVERSITIES (excluding Dallas County Community colleges) are submitted to a Registrar/Admissions Office at a Dallas County Community college prior to applying to an El Centro College health occupations program. Official transcripts must have a print date no earlier than three years of anticipated entry to a health occupations program.

Submitting incomplete application materials will disqualify the application and the student will not be considered further in the application process. Students are advised to retain a photocopy of all materials submitted as their application packet and to Castle Branch.

ONCE AN APPLICATION PACKET IS SUBMITTED TO THE HEALTH OCCUPATIONS ADMISSIONS OFFICE, ADDITIONAL MATERIALS CANNOT BE ADDED TO THE PACKET. THE PACKET CANNOT BE RETRIEVED BY THE APPLICANT UNTIL AFTER THE FILING PERIOD ENDS.

G. APPLICATION FILING PERIOD

There is one official application filing period for the June 2019 class of the Invasive Cardiovascular Technology program:

JANUARY 1 – MARCH 15, 2019

Notification letters are mailed by April 15, 2019.

Complete application packets may be presented in person at the Health Occupations Admissions Office during regular hours of operation or submitted in the drop box adjacent to the office door. Mailed application packets must be postmarked no later than an application filing deadline date.

NOTE: In the event that the last day of a filing period falls on a holiday or a Sunday when the college is closed or when the post office does not postmark mail, complete application packets may be presented to the El Centro College Health Occupations Admissions Office ***in person by 5:00 p.m. the next regular business day.***

**To submit your application by mail,
address your envelope to:**

Invasive Cardiovascular Admissions
Health Occupations Admissions
El Centro College/Paramount
801 Main Street
Dallas, Texas 75202

**To submit your application in person,
bring your envelope to:**

Invasive Cardiovascular Admissions
Health Occupations Admissions Office Rm P-101
Center for Allied Health & Nursing
301 North Market Street
Dallas TX 75202

H. 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 26-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 cumulative score on the five required sections of the HESI A² is 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)	Cumulative Score on the five sections of the HESI A ² test
Applicant #1	4.00	4.00	331.00
Applicant #2	3.76	3.50	347.00
Applicant #3	3.53	3.50	324.00
Applicant #4	3.53	3.00	328.00
Applicant #5	3.23	2.50	312.00
Applicant #6	3.00	3.50	286.00
Applicant #7	2.50	2.00	305.00
Applicant #8	2.50	2.00	297.00

If seven spaces were available, applicants 1 through 7 would be accepted.

I. NOTIFICATION OF ACCEPTANCE

Individuals who receive an acceptance letter 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.

NOTE: Applications submitted during an official filing period are not “held over” to the next year’s official filing period. Students who are not selected for admission to the program or students who decline their acceptance must retrieve and resubmit their application packet during the next filing period to be considered for a future admission opportunity.

Program information packets are revised September 1st of each year and other times during the academic year as needed. Program guidelines are subject to change. Students are responsible for insuring they have the latest program information packet from the website below:

<https://www.EICentroCollege.edu/Health-Packets>

Visit the web page below for the Invasive Cardiovascular Technology Program at:

<https://www.EICentroCollege.edu/Cardio-Cath>

Health Occupations webpage:

<https://www.EICentroCollege.edu/HealthCareers>

Health Occupations Admissions Office webpage:

<https://www.EICentroCollege.edu/HealthOccAdmissions>

Like us on Facebook:

<https://www.facebook.com/groups/ECC.AlliedHealthandNursing>

**CURRICULUM – INVASIVE CARDIOVASCULAR TECHNOLOGY – Associate Degree Track
June 2019 admission**

The Invasive Cardiovascular Technology Program is an intensive didactic and clinical training program which prepares the graduate for employment in cardiac catheterization laboratories. Invasive Cardiovascular technologists assist the cardiologist in all phases of cardiac catheterization including catheter insertion, operation of the electronic instruments, and calculation of the cardiac data used to confirm diagnosis and to design treatment for the cardiac patient.

The program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) in cooperation with the Joint Review Committee on Education in Cardiovascular Technology.

			Lec	Lab	Ext	Cont	Cr
			Hrs	Hrs	Hrs	Hrs	Hrs
Prerequisite Courses							
ENGL	1301	Composition I	3	0	0	48	3
BIOL	2401	Anatomy and Physiology I	3	3	0	96	4
BIOL	2402	Anatomy and Physiology II	3	3	0	96	4
MATH	1314	College Algebra	3	0	0	48	3
SPCH	1311	Introduction to Speech Communication	3	0	0	48	3
PSYC	2301	General Psychology	3	0	0	48	3
HIST	1301	US History	3	0	0	48	3
Humanities elective *			<u>3</u>	<u>0</u>	<u>0</u>	<u>48</u>	<u>3</u>
TOTAL PREREQUISITE COURSE HOURS			24	6	0	480	26

Semester I – Summer (9 weeks)

CVTT	1313	Catheterization Lab Fundamentals I	2	2	0	64	3
CVTT	1304	Cardiovascular Anatomy & Physiology	3	1	0	64	3
CVTT	1360	Clinical – Cardiovascular Technology	<u>0</u>	<u>0</u>	<u>15</u>	<u>240</u>	<u>15</u>
			5	3	15	368	9

Semester II - Fall

CVTT	1340	Cardiovascular Pathophysiology	3	0	0	48	3
CVTT	1110	Cardiac Catheterization I	1	0	0	16	1
CVTT	1350	Cardiac Catheterization II	3	0	0	48	3
CVTT	1153	Catheterization Lab Fundamentals II	1	0	0	16	1
CVTT	2560	Clinical – Cardiovascular Technology	<u>0</u>	<u>0</u>	<u>25</u>	<u>400</u>	<u>4</u>
			8	0	25	528	13

Semester III – Spring

CVTT	1471	Peripheral Vascular Studies, Radiologic Principles, and RCIS Board Review **	3	3	0	96	4
CVTT	2563	Clinical – Cardiovascular Technology	0	0	26	400	5
PSYC	2314	Lifespan Human Growth and Development	<u>3</u>	<u>0</u>	<u>0</u>	<u>48</u>	<u>3</u>
			6	3	26	544	12
TOTAL PROGRAM HOURS =			43	12	65	1920	60

* Humanities elective must be chosen from the Humanity, Creativity and Aesthetic Experience section of the general Associate Degree of Arts/Sciences degree plan. See the current El Centro College catalog for a full list of accepted courses. **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.**

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

**CURRICULUM – INVASIVE CARDIOVASCULAR TECHNOLOGY – Advanced Technical Certificate
June 2019 Admission**

Applicants to the Advanced Technical Certificate **must have earned a qualifying degree and have documented equivalent coursework in human anatomy/physiology, college math, pharmacology, and ECG experience.** An applicant's coursework will be evaluated alongside the prerequisite courses for the Associate Degree curriculum track to calculate a similar qualifying grade point average.

			Lec Hrs	Lab Hrs	Ext Hrs	Cont Hrs	Cr Hrs
<u>Semester I – Summer (9 weeks)</u>							
CVTT	1313	Catheterization Lab Fundamentals I	2	2	0	64	3
CVTT	1304	Cardiovascular Anatomy & Physiology	3	1	0	64	3
CVTT	1360	Clinical – Cardiovascular Technology	<u>0</u>	<u>0</u>	<u>15</u>	<u>240</u>	<u>3</u>
			5	3	15	368	9
<u>Semester II - Fall</u>							
CVTT	1340	Cardiovascular Pathophysiology	3	0	0	48	3
CVTT	1110	Cardiac Catheterization I	1	0	0	16	1
CVTT	1350	Cardiac Catheterization II	3	0	0	48	3
CVTT	1153	Catheterization Lab Fundamentals II	1	0	0	16	1
CVTT	2560	Clinical – Cardiovascular Technology	<u>0</u>	<u>0</u>	<u>25</u>	<u>400</u>	<u>5</u>
			8	0	25	528	13
<u>Semester III – Spring</u>							
CVTT	1471	Peripheral Vascular Studies, Radiologic Principles, and RCIS Board Review +	3	3	0	96	4
CVTT	2563	Clinical – Cardiovascular Technology	<u>0</u>	<u>0</u>	<u>25</u>	<u>400</u>	<u>5</u>
			3	3	25	496	9
TOTAL PROGRAM HOURS =			16	6	64	1392	31

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

ESTIMATED EXPENSES FOR THE INVASIVE CARDIOVASCULAR TECHNOLOGY PROGRAM *

	Dallas County <u>Resident</u>	Out of County Texas Resident #	Out of State/ Country <u>Resident</u>
INVASIVE CARDIOVASCULAR PREREQUISITE COURSES			
Tuition (26 credit hours)	\$ 1,534.00	\$ 2,886.00	\$ 4,524.00
Textbooks, Lab Manuals	755.00	755.00	755.00
HESI A ² test	40.00	40.00	40.00
Castle Branch	25.00	25.00	25.00
Physical Exam and Immunizations +	225.00	225.00	225.00
CPR Certification	65.00	65.00	65.00
Total	\$ 2,644.00	\$ 3,996.00	\$ 5,634.00
Invasive Cardiovascular Technology Semester I (Summer)			
Tuition (9 credit hours)	\$ 531.00	\$ 999.00	\$ 1,566.00
Textbooks, Lab Manuals	300.00	300.00	300.00
Background Check/Drug Screen	86.00	86.00	86.00
Professional Liability Insurance ++	5.00	5.00	5.00
Uniform/Lab Coat	50.00	50.00	50.00
Film Badge	16.80	16.80	16.80
Total	\$ 988.80	\$ 1,456.80	\$ 2,023.80
Semester II (Fall)			
Tuition (12 credit hours)	\$ 708.00	\$ 1,332.00	\$ 2,088.00
Textbooks	193.00	193.00	193.00
Professional Liability Insurance ++	11.70	11.70	11.70
Film Badge	16.80	16.80	16.80
Total	\$ 929.50	\$ 1,553.50	\$ 2,309.50
Semester III (Spring)			
Tuition (12 credit hours)	\$ 708.00	\$ 1,443.00	\$ 2,262.00
PSYC 2314 textbook	80.50	80.50	80.50
Film Badge	16.80	16.80	16.80
Total	\$ 805.30	\$ 1,540.30	\$ 2,359.30
TOTAL ESTIMATED PROGRAM EXPENSE	\$ 5,367.60	\$ 8,546.60	\$ 12,326.60

* This estimate is for the Associate Degree Curriculum track.

Students who are accepted to the Associate Degree Invasive Cardiovascular Technology program who reside in Collin or Tarrant Counties may qualify for the "Dallas Resident" tuition rate.

+ Estimated cost of physical exam and immunizations.

++ Liability insurance is assessed each fall at \$11.70 to cover fall, spring and summer semesters. Fee is prorated as \$5.00 for a summer entry to program.

Other costs to consider: Personal health care insurance coverage, transportation and Parking Fees to El Centro College and hospital clinical sites.

Tuition and other fees are subject to change. See official catalog for tuition table. See the El Centro College Accounting Office for Tuition Payment Plan option.

GENERAL INFORMATION

1. The Invasive Cardiovascular Technology Program accepts 12* students annually for their June class. Program classes are offered during daytime hours.

* The El Centro College Health Sciences Division reserves the right to make changes in program enrollment capacity.

2. The clinical experience of the Invasive Cardiovascular Technology Program usually requires that a student be physically able to care for sick patients that 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 15-20 pound lead apron while doing so.
3. Many of the Invasive Cardiovascular Technology Prerequisite courses and selected HPRS courses are offered online. Students without prior experience with Internet courses should take the Smarter Measure – Learning Readiness Indicator (READI) test to see if they are a good candidate for online learning. Go to <http://ecc.smartermeasure.com/> and log in as a New User. The current User Name is **choose el centro dual credit** and the Password is **student**.
4. 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 rotations vary among select hospitals. Any parking fees at El Centro College and/or the hospital clinical site is the responsibility of the student.
5. Applicants to the health occupations programs at El Centro College must submit physical examination and immunization documentation to Castle Branch no later than the program application deadline. **This information must be kept current throughout the application process and participation in the program.**

The physical examination must be on the **official El Centro Health Form** available at the “Immunizations” link at <https://www.ElCentroCollege.edu/HealthOccAdmissions> and must have been documented no earlier than 12 months prior to the application deadline. The specific immunizations and screenings are indicated on the El Centro Health Form.

6. 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 Castle Branch 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 El Centro College Continuing Education Division, the American Heart Association, American Red Cross, various hospitals, independent instructors, etc. **Totally online CPR certification classes including those offered by the Red Cross are not valid for application to health occupations programs.**
7. Proof of current personal healthcare insurance coverage is required for all health occupations students. **If documentation of coverage is not submitted to Castle Branch 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>.

8. Clinical opportunities may be limited for students without Social Security numbers. If accepted to the program, a student must contact the El Centro College Multicultural Center Office (Room A-140, telephone 214-860-2090) 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.**

9. *Criminal Background Check / Drug Screening*

All students enrolled in Health Occupations programs are required by the Dallas/Fort Worth Hospital Council member facilities to undergo a criminal background check and drug testing prior to beginning their clinical 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 El Centro College Health Sciences Division for review and verification that a student is eligible to attend clinical rotation. All background check 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 Occupations program be prohibited from attending a clinical rotation experience due to findings of a criminal background check and/or drug screening, the student may be dismissed from the Health Occupations program.

More information regarding the Criminal Background Check and Drug Screening procedure is found under the "Resources for Potential Applicants" link at:

<https://www.ElCentroCollege.edu/HealthOccAdmissions>

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

Arlington Memorial Hospital	Methodist Charlton Medical Center
Baylor Scott & White – Irving	Methodist Dallas Medical Center
Baylor Scott & White – Plano	North Texas Veterans' Affairs Healthcare System
Baylor Hamilton Heart & Vascular Hospital	Texas Health Dallas Presbyterian
City Hospital at White Rock	Texas Health Harris Methodist – HEB
Dallas Regional Medical Center	Texas Health Plano
Denton Regional Medical Center	UT Southwestern Medical Center
Medical City Dallas Hospital	

11. El Centro 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 train/bus pass for that semester. DART passes are available two weeks after the semester begins. See the Accounting Office for details.

12. 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. For more information on the 6 Drop rule, see the official college catalog online at the following link:

<https://www1.dcccd.edu/catalog/GeneralInfo/GradesTranscripts/dw.cfm?loc=ECC>

13. El Centro College charges a higher tuition rate for courses in which a student registers for the third or more times. The “Third Attempt” policy includes courses taken at any of the Dallas County Community colleges since the Fall 2002 semester. Developmental courses are not considered in this policy. For more information regarding the “Third Attempt” policy, please visit the following link: https://www.dcccd.edu/catalog/GeneralInfo/Third_Attemptcfm?loc+ECC

14. A student may apply to more than one El Centro College Health Occupations 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 Health Occupations program that may share that filing period will be null and void.

Further, an individual accepted for admission and currently enrolled in an El Centro College Health Occupations program may not apply or be considered for admission selection for another El Centro College Health Occupations 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.

15. Financial Aid

Students should apply for Financial Aid Office well in advance of program application. Information on filing procedures and deadlines is found at the following link: <https://www.dcccd.edu/PC/FA>. The Health Sciences Office located in Room P-712 at 301 North Market Street also has information regarding scholarships and other financial assistance for health occupations students. Contact the Health Sciences Division at 972-860-5095 for more information.

16. Please contact the individuals below for assistance (physical addresses):

Latoya Payton, BS, RCIS, LMRT
Program Coordinator
Invasive Cardiovascular Technology
El Centro College/Paramount
301 North Market Street
Dallas, TX 75202
Email: LPayton@dcccd.edu
Telephone: 972-860-5046

Health Occupations Admissions Rm P-101
El Centro College/Paramount
301 North Market Street
Dallas, TX 75202
Email: ECCHOCO@dcccd.edu
Telephone: 972-860-5001

Application mailing address:
CVTT Admissions
Health Occupations Admissions Office
El Centro College/Paramount
801 Main St.
Dallas TX 75202-3604

Official transcripts must be sent to:
El Centro College - Registrar
801 Main St.
Dallas, TX 75202-3604

EScript transcript must be sent directly to:

Registrar-ECC@dcccd.edu

INVASIVE CARDIOVASCULAR TECHNOLOGY CHECKLIST – Advanced Technical Certificate

This checklist is provided to assist you in following the steps to prepare for program application. It is not part of the application packet that is submitted with transcripts, etc.

1. _____ Obtain an Invasive Cardiovascular Technology Program information packet and view and online Invasive Cardiovascular Technology Program information session.
2. _____ Complete an application for college admission.
3. _____ Submit official transcripts from all previously attended colleges and universities to the El Centro College Registrar's Office or the Registrar/Admissions Office at any other Dallas County Community college.
4. _____ Verify eligibility to apply for the Advanced Technical Certificate by submitting an Educational Plan request to the Health Occupations Admissions Office with documentation of healthcare degree including coursework in human anatomy and physiology, college math, pharmacology, and ECG experience.
5. _____ 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:

_____ ENGL 1301	_____ HIST 1301
_____ BIOL 2401	_____ MATH 1314/1414
_____ BIOL 2402	_____ SPCH 1311/1315/1321
_____ PSYC 2301	_____ Humanities elective _____
6. _____ Complete the HESI A², scoring a minimum of 70% on all required sections of the test.
7. _____ See a physician or healthcare clinic for a physical examination and obtain all required immunizations, and TB screening; obtain BLS – Basic Life Support CPR certification.
8. _____ Submit physical exam form, immunizations, TB screening documentation, & photocopy of front and back of CPR card to Castle Branch prior to the application filing deadline.
9. _____ Compile the following materials as your Invasive Cardiovascular Technology application packet:

_____ Completed Invasive Cardiovascular Application and signed Statement of Students' Responsibility forms (both available after viewing online info session).
_____ Official HESI A ² score sheet(s) indicating minimum score of 70% on each of the five required sections of the test and Personality Profile and Learning Styles section results.
_____ Copies of any educational plans, request for course substitution forms, etc.
10. _____ Place the above materials in a 9" x 12" envelope for submission either in person or by mail to:

MAILING ADDRESS:

CVTT Admissions
Health Occupations Admissions
El Centro College/Paramount
801 Main Street
Dallas, TX 75202-3604

PHYSICAL ADDRESS:

CVTT Admissions
Health Occupations Admissions P-101
El Centro College/Paramount
301 North Market Street
Dallas TX 75202