



## For Application in Fall 2024

### CARDIOVASCULAR (CVT)/ECHO TECHNOLOGY PROGRAM

Content includes a focus on Adult Cardiac Ultrasound (Echocardiography): cardiac anatomy and physiology, 2D and M-Mode imaging, PW, CW and color flow doppler, cardiac pathology and methods of interpretation. CVT course content includes: advanced rhythm interpretation, exercise stress testing, cardiac pharmacology, physics of ultrasound.

**Students MUST enroll in both CVT and ECHO courses each semester:**

Students must complete the courses in the sequence offered within the two to three-year program. Refer to the CVT/ECHO program packet for details about the program.

**Upon completion of the CVT Program, students can take the national registry exams: CCI or RDCS**

| SEQUENCE OF CLASSES |                           |         |  |
|---------------------|---------------------------|---------|--|
| <b>ECHO 101</b>     | Echocardiography          | 7 units | <b>ECHO 301</b> Advanced Cardiac Abnormalities 5 units |
| <b>CVT 110</b>      | Cardiovascular Skills     | 7 units | <b>CVT 301</b> Physics of Cardiac Ultrasound 3 units   |
| <b>ECHO 201</b>     | Advanced Echo Tech        | 7 units | <b>CVT 310A/B</b> Clinical Experience in               |
| <b>CVT 201</b>      | Adv Cardiovascular Tech   | 4 units | Cardiac Ultrasound 9 units                             |
| <b>CVT 210A/B</b>   | Adv Cardiovascular Skills | 7 units | <b>ECHO 401</b> Adv Echocardiographic Studies 6 units  |
|                     |                           |         | <b>CVT 410A/B</b> Clinical Experience in               |
|                     |                           |         | Advanced. Cardiac Ultrasound 13 units                  |

**Prerequisites:** Due to increased educational requirements by the national registry organization, students should complete with the minimum educational units to equal an AS Degree with CVT/ECHO as their major.

1. Successful completion of college level anatomy (within the last 5 years or permission of the instructor): **BIO 106 (formerly ANAT 14) or BIO 108 (formerly ANAT 25)** with a grade of "C" or higher  
 \*Anatomy must be completed by December 31, 2023 before the application process. See information packet for additional requirements.
2. Successful completion of ECGT 101 or equivalent course within 2 years. Class must be completed by December 31, 2023.
3. Eligibility for or completion of college-level English. An AA/AS or bachelor's degree fulfills this requirement.
4. Attendance at one of the mandatory orientations.

**Must have PDF transcripts, application, and resume sent by July 1, 2024 after attending the orientation.** You can start this process now since some colleges may take up to two weeks to process requests for transcripts.

**Suggested courses and experience to prepare for the CVT program:**

Medical Terminology, algebra, hospital, or health care experience.

**Courses offered in Fall 2024:**

ECHO 101 and CVT 110 (Only two courses will be offered until additional faculty are hired)

**All orientations are held by Zoom conferencing. Email Christie Wei ([cwei@ccsf.edu](mailto:cwei@ccsf.edu)) to register for one of the orientations below:**

|                           |                       |            |               |
|---------------------------|-----------------------|------------|---------------|
| <b>ORIENTATION DATES:</b> | <b>April 17, 2024</b> | <b>Wed</b> | <b>6:00pm</b> |
|                           | <b>May 8, 2024</b>    | <b>Wed</b> | <b>6:00pm</b> |

Orientations last approximately 2 hours. **Attendees must sign into the Chat with their FULL NAME to verify attendance to receive an application.**

**FOR PROGRAM INFO:** For questions regarding the CVT/ECHO Program, please contact Dory Rincon at [drincon@ccsf.edu](mailto:drincon@ccsf.edu). For an informational packet, visit our web site at <https://www.ccsf.edu/degrees-certificates/cardiovascularecho-technician>.

## 5 STEPS COLLEGE ADMISSION PROCEDURES

1. Apply for Admission: Go to [Admissions & Registration](#) or call 415-239-3285.
  - **NEW CREDIT STUDENTS:** Fill out a CCSF **credit** application at [Credit Admission](#) or call 415-239-3285
  - **RETURNING STUDENTS:** Have attended CCSF before as a **credit** student, but have not enrolled in courses for 2 consecutive semesters (Spring & Fall) or more, reapply (update your personal information) at [Credit Admissions](#). Go to step 3. If you have only been away for one semester, you are considered a [Continuing Student](#).
2. Attend an orientation for the health program of interest. After orientation if there are no questions about registration, tuition & fees, financial aid, or other student services go to step 5.
3. Meet with a CCSF Counselor (Counselors available at John Adams Center for Zoom counseling appointments, call 415-561-1925.)
4. Complete the Assessment: Go to [Assessment Center](#) or call 415-239-3751.  
**FOR PLACEMENT PROCEDURES FOR NATIVE ENGLISH AND MATH  
OR FOR ENGLISH AS SECOND LANGUAGE PLACEMENT**
5. Register for Classes: Go to [Online Schedule](#).

Visit "[Virtual Help Counters](#)" or call 415-239-3000 for CCSF remote services.

### PAYING FOR COLLEGE

**COSTS:** (subject to change without prior notice) Go to "[Tuition & Fees Office](#)" or call 415-239-3522

- California residents: \$46 per unit
- Nonresidents: \$360 per unit (\$46 per unit + \$307 nonresident tuition + \$7 Capital Outlay)
- \$20 Student Health Fee (\$16 in Summer)
- Additional costs: books, supplies, uniforms, equipment, certification, etc.

**"Free City" Program:** free tuition to CCSF for eligible San Francisco residents. See [www.ccsf.edu/freecity](http://www.ccsf.edu/freecity)

**Financial Aid available:** Go to "[Financial Aid Office](#)" (Search) at <http://www.ccsf.edu> or call 415-239-3577.

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here:

<https://collegescorecard.ed.gov/>

Visit the [CCSF Virtual Campus](#) for more information about our resources for students and to schedule an appointment with a counselor.

*It is the policy of the City College of San Francisco to provide all persons with equal employment and educational opportunities regardless of race, color, ancestry, national origin, ethnic group identification, religion, age, gender, marital status, domestic partner status, sexual orientation, disability or AIDS/HIV status, medical conditions, gender identity, or status as a Vietnam-Era veteran. These categories specifically include status as a lesbian, gay, bisexual, transgender, or questioning person in any District program or activity.*