FOR ACCEPTANCE IN FALL 2020 – SPRING 2022
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 take all of courses in sequence within the two-year program. Refer to the CVT/ECHO program packet for details about the program.

CVT Program for Fall 2020 Four-semester (2-year) program. Upon completion of the CVT Program students can take the national registry exams: CCI or RDCS upon completion of the program.

<table>
<thead>
<tr>
<th>First Semester (Fall)</th>
<th>Second Semester (Spring)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CVT 101</td>
<td>CVT 201</td>
</tr>
<tr>
<td>3 units</td>
<td>4 units</td>
</tr>
<tr>
<td>Monday</td>
<td>Monday</td>
</tr>
<tr>
<td>9am - 12pm</td>
<td>9am - 12pm</td>
</tr>
<tr>
<td>ECHO 101</td>
<td>ECHO 201</td>
</tr>
<tr>
<td>7 units</td>
<td>7 units</td>
</tr>
<tr>
<td>Tues/Thurs</td>
<td>Tues/Thurs</td>
</tr>
<tr>
<td>9am - 12pm</td>
<td>9am - 12pm</td>
</tr>
<tr>
<td>CVT 110 Cardiovascular Skills</td>
<td>CVT 210 Advanced Cardiovascular Skills</td>
</tr>
<tr>
<td>7 units</td>
<td>7 units</td>
</tr>
<tr>
<td>TBA</td>
<td>TBA</td>
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<thead>
<tr>
<th>Summer Semester</th>
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</thead>
<tbody>
<tr>
<td>CVT Clinical</td>
</tr>
<tr>
<td>5 units</td>
</tr>
<tr>
<td>TBA</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Third Semester (Fall)</th>
<th>Fourth Semester (Spring)</th>
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<tbody>
<tr>
<td>CVT 301 Physics of Ultrasound</td>
<td>CVT 410 Clinical Experience</td>
</tr>
<tr>
<td>3 units</td>
<td>11 units</td>
</tr>
<tr>
<td>Tuesday</td>
<td>32 hours a week</td>
</tr>
<tr>
<td>9am - 12pm</td>
<td>TBA</td>
</tr>
<tr>
<td>ECHO 301 Advanced Echo</td>
<td>ECHO 401 Advanced Echo Studies</td>
</tr>
<tr>
<td>5 units</td>
<td>6 units</td>
</tr>
<tr>
<td>Thursday</td>
<td>Tuesday</td>
</tr>
<tr>
<td>9am - 12pm</td>
<td>6pm - 9pm</td>
</tr>
<tr>
<td>CVT 310 Clinical Experience</td>
<td></td>
</tr>
<tr>
<td>9 units</td>
<td></td>
</tr>
<tr>
<td>TBA</td>
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</tbody>
</table>

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 the December before
   the application process. See information packet for additional requirements.
2. Completion of ENGL 96 or ENGL 88 or ENGL 88B or ESL 160 or placement in ENGL 1A. An AA/AS or bachelor’s
degree fulfills this requirement.
3. Individual orientation will be part of application process.

Suggested courses and experience to prepare for the CVT program:
Medical Terminology, ECG classes, algebra, hospital or health care experience

ORIENTATION AND COUNSELING
All orientations are held at the John Adams Center, 1860 Hayes Street on the following dates:

<table>
<thead>
<tr>
<th>Orientation Dates</th>
<th>Time &amp; Room</th>
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<tbody>
<tr>
<td>Tuesday, April TBA, 2019</td>
<td>5:00 p.m., Gym Bldg, Room 103</td>
</tr>
<tr>
<td>Monday, April TBA, 2019</td>
<td>5:00 p.m., Gym Bldg, Room 103</td>
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</tbody>
</table>

Orientations last approximately 2 hours and 30 minutes. Due to limited space, we cannot allow visitors or children.

FOR PROGRAM INFO:
For questions regarding the CVT & ECHO program, please call Dory Rincon at (415) 561-1821 or email drincon@ccsf.edu
For an informational packet, please call (415) 561-1900 or visit our web site at www.ccsf.edu and click on the following:
Our Locations, John Adams, Health Care Tech. Programs.
ENROLLMENT PROCEDURES

Students who are new to City College of San Francisco must also submit a separate application to the college.

1. CCSF CREDIT APPLICATION
2. CCSF CREDIT PLACEMENT TEST
3. MANDATORY ORIENTATION AND COUNSELING
4. INDIVIDUAL ORIENTATION APPOINTMENTS (this date made by student at orientation)
5. REGISTRATION

COSTS: (subject to change without prior notice)
$ 46 per semester unit for California resident
$234 per semester for nonresidents + $7 per unit for capital outlay fee + $46 per unit for enrollment fee
$ 20 for Student Health Benefit fee for ALL students
* Addition costs (if applicable) for books, certification, equipment, materials and/or uniforms, etc.

FREE CITY Program for eligible San Francisco residents   https://www.ccsf.edu/freecity

To receive information about financial aid, call a financial aid counselor at Phelan Campus, (415) 452-5207 and request an appointment or contact Winnie Yiu, Financial Aid Counselor at John Adams Center, 1860 Hayes Street, Room 142, (415) 267-6565.

CREDIT PLACEMENT TEST(S)

All students who are new to City College of San Francisco must take a placement test in English/Math or ESL/Math. You must present a photo I.D. (driver’s license, passport, etc.) at the time you take the test.

You may print out your test results online at https://www.ccsf.edu/w4 or clicking under “Student Services” tab, go to “Student Records” after your CCSF admissions application has been processed. You are encouraged to attend a CCSF orientation to have your results and class registration explained. Feel free to call 415-561-1835 to speak with a Counselor at John Adams Center.

Exemptions to the City College Placement Test(s) are as follows:

1. Interested in a class without math and/or English prerequisites.
   Check “Exemption from Matriculation” box in credit application.
2. Already have an associate degree or higher from a U.S. accredited school.
3. Completed a college-level math and/or English 1A equivalent course.

To apply for this waiver, take a copy of your transcript to the Ocean Campus (50 Phelan Ave.), Admissions and Records, Conlan Hall, Room 107 OR provide a copy of your unofficial transcript to the John Adams Center, Student Services, Room 143 or Ocean Campus, Matriculation Office, Conlan Hall, Room 204.

For future credit placement testing dates (English, English as Second Language, and Math) go to www.ccsf.edu and type in the Search Box “Take a Placement Test”. Future testing dates, times, and locations will be listed a month at a time.

Testing Office at Ocean Campus 415-239-3128

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.