Cardiovascular Sonography and Echocardiography Certificate Programs
Admissions Information

Program Information
These one-year certificate programs are designed for currently practicing sonographers. Graduates from the Cardiovascular Certificate program and/or the Echocardiography Certificate program are not eligible to apply to the American Registry of Diagnostic Medical Sonographers.

Classes meet during the evening on the Caldwell Campus in Hudson, NC.

Each certificate program begins in August, and there is a limit to the number of students who can be accepted. The cardiovascular sonography and echocardiography certificate programs each admit one class each fall semester. After October 1st, we will begin admitting students into the next year’s class and will continue throughout the year until the class is filled.

Admission Requirements
It is suggested that admission requirements be met in the following order. After all of the following admission requirements are met, applicants are admitted into the program on a "first-come, first-served" basis by the completion date of all requirements.

1. **CCCTI application**
   Submit an application to Student Services.
   Applications are available in Student Services or on-line at [www.cccti.edu](http://www.cccti.edu).

2. **Official documentation of high school graduation/high school equivalency**
   This documentation is required even if the applicant holds a four-year degree.
   A high school graduate should request an official transcript to be sent to CCCTI indicating date of graduation. If the applicant is still in high school, an official transcript should be sent now only if SAT/ACT scores are to be used to waive the college placement tests; otherwise, an official transcript should be submitted after graduation.
   Applicants with a high school equivalency must provide official documentation to CCCTI from the granting institution.
   Reproduced copies of personal documents are not acceptable.
   Request forms to obtain transcripts are available in the Student Services office at CCCTI.

3. **Official transcripts of any college work**
   The applicant should request colleges to mail transcripts directly to CCCTI.
   If currently enrolled at another college, he/she should request a transcript now and another one at the completion of his courses.
   Transcript request forms are available in Student Services or may be downloaded from the college webpage, [www.cccti.edu](http://www.cccti.edu).
   College transcripts must be received and evaluated in order to exempt the applicant from placement tests. Must have credit for ENG 111 with a grade of “C” or above.
4. **Interview (optional).**
   - Applicants to the one-year cardiovascular sonography and echocardiography certificate programs may schedule an interview with the program director prior to admission if they so desire, but an interview is not required.
   - Please contact Robin Nichols, Program Director, at 828-726-2322 for an interview appointment, especially if you have questions regarding your current clinical experience.

**AFTER ACCEPTANCE** – At the time an applicant receives their acceptance notification letter, the following requirements will be expected. Failure to submit proper and complete documentation by the deadlines specified will result in forfeiture of their seat in the class.

1. **Physical examination.**
   - An accurate and satisfactory student medical form (health form), which includes appropriate documentation of immunizations by the health care provider or county health department and physical exam results, must be submitted to Certified Background Check Medical Document Management by the deadline stated in the acceptance letter. **Each student will be responsible for the cost of the electronic health form tracking.** Requirements include current TB (2 step PPD) skin test (within 12 months), mumps/measles/rubella blood titer or vaccine, proof of chicken pox immunity by vaccination or blood titer, and current immunizations for tetanus and diphtheria. The student is also encouraged to obtain Hepatitis B immunizations. Otherwise, the decision to decline the Hepatitis B immunizations must be formally documented.

2. **Infant, Child and Adult CPR certification.**
   - One of the following is required: American Heart Association Basic Life Support Provider course OR American Red Cross Professional Rescuer or Healthcare Provider OR National Safety Council Healthcare Provider. A copy of the CPR certification should be submitted by the **deadline established by the program director.**

3. **Criminal background checks/Drug screening/other expectations.**
   - Criminal background checks and/or drug screenings are required for the student to participate in the clinical component of each CVS/SON course. **A signed acknowledgement statement must have been submitted to the Health Sciences Admissions office as an admissions requirement** (a copy of the form will be given to the applicant to sign during the interview with the program director – see admissions requirement #7). All costs associated with criminal background checks and drug screenings are the responsibility of the student.
   - The student will assume responsibility for all health care or emergency room costs they might incur during their clinical rotations. **Students are required to obtain health insurance coverage before being allowed to attend clinical and must maintain insurance coverage throughout the program.**
   - The student will assume the responsibility for travel to and from the clinical site and all associated costs.
   - The student will complete a final evaluation of all clinical rotation sites, including faculty and educational experience.

4. **Progression Policy**
   The sonography student must demonstrate an acceptable level of competency by earning a grade of “C” or better in all general education and CVS/SON-prefixed courses. **Clinical Education Courses (noted with an asterisk in the Curriculum Guide below) require an 85 or better to progress.** Failure to maintain these program standards will result in student dismissal from the program. Refer to the Sonography Program Guide for further details.
Please Note: Each applicant is responsible for:
- completing admission requirements,
- confirming receipt of letters and documents in the admissions office,
- keeping CCC and TI informed in writing of any personal information changes,
- keeping copies of all documentation submitted to CCCTI (i.e., CPR, physical exam).

Curriculum for Cardiovascular Sonography Certificate (C45160)

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Class</th>
<th>Lab</th>
<th>Clinical</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>CVS 163 Echo I</td>
<td>3</td>
<td>2</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>SON 250 Vascular Sonography</td>
<td>1</td>
<td>3</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>5</td>
<td>0</td>
<td>6</td>
</tr>
</tbody>
</table>

Spring Semester

| CVS 164 Echo II | 3     | 2   | 0        | 4      |
| *SON 111 Sonographic Physics | 3     | 3   | 0        | 4      |
|                 | 6     | 5   | 0        | 8      |

TOTAL 10 10 0 14

*Applicants who are registered by the ARDMS in Ultrasound Physics and Instrumentation, Cardiovascular Physics, Vascular Physics, or Sonographic Principles and Instrumentation will receive credit for SON 111, providing appropriate documentation.

Curriculum for Echocardiography Certificate (C45160A)

<table>
<thead>
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<th>Fall Semester</th>
<th>Class</th>
<th>Lab</th>
<th>Clinical</th>
<th>Credit</th>
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</thead>
<tbody>
<tr>
<td>CVS 163 Echo I</td>
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<td></td>
<td>3</td>
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</tbody>
</table>

Spring Semester

| CVS 164 Echo II | 3     | 2   | 0        | 4      |
| *SON 111 Sonographic Physics | 3     | 3   | 0        | 4      |
|                 | 6     | 5   | 0        | 8      |

TOTAL 9 7 0 12

*Applicants who are registered by the ARDMS in Ultrasound Physics and Instrumentation, Cardiovascular Physics, Vascular Physics, or Sonographic Principles and Instrumentation will receive credit for SON 111, providing appropriate documentation.
**Tuition and Fees**

**Tuition:**
- **In-State:** $76.00 per credit hour
  
  $1,216.00 maximum tuition per semester
- **Out-of-State:** $268.00 per credit hour
  
  $4,288.00 maximum tuition per semester

**Activity Fees:**
- $7.00 per class, fall and spring semesters, up to a maximum of $28.00.
- $3.00 per class, summer semester, up to a maximum of $9.00.

**Campus Services Fee:** $2.00 per class, up to a maximum of $10.00 per semester

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**For additional information, please contact:**

Amy Huffman, B.A.
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Caldwell Community College and Technical Institute
2855 Hickory Boulevard
Hudson, NC 28638
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*Revised 09/2016*

Since health program standards are mandated by accrediting and regulatory agencies, revisions to the above information may be necessary. Efforts will be made to keep changes to a minimum and finalized one year in advance of the starting date of the program; however, the college reserves the right to revise any part or section as necessary.*