Program Description: The Medical Sonography curriculum provides knowledge and clinical skills in the application of high frequency sound waves to image internal body structures. Course work includes physics, cross-sectional anatomy, and abdominal, introductory vascular and obstetrical/gynecological sonography. Competencies are attained in identification of normal anatomy and pathological processes, use of equipment, fetal growth and development, integration of related imaging, and patient interaction skills. Graduates of accredited programs may be eligible to take examinations in ultrasound physics and instrumentation and specialty examinations administered by the American Registry of Diagnostic Medical Sonographers and find employment in clinics, physicians' offices, mobile services, hospitals, and educational institutions.

The proposed curriculum below will prepare high school students to apply for admission to the Medical Sonography Program. High school students must meet eligibility criteria to be a Career and College Promise student in order to take PCC courses. For more information on how to apply to PCC as a CCP student, contact the CCP office at 252-493-7411.

- Core Requirement
- Major Concentration (4 credits)
- Mini Concentration (2 credits)
- Other Electives (5 credits)

### CREDENTIALS/CERTIFICATION/LICENSES

<table>
<thead>
<tr>
<th>WORK-BASED LEARNING*</th>
<th>CAREER EXPLORATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biomedical Technology I</td>
<td>Career Assessment, Class Presentations, Health Fair, Career Fairs, Career Expo, Gear Up, Visions Tour, Destination Health Careers (camp)</td>
</tr>
<tr>
<td>Health Science I</td>
<td>Job Shadowing (25+ hours)</td>
</tr>
<tr>
<td>Health Science II</td>
<td>BLS Cert, MS Word Cert, &amp; MS PPT Cert</td>
</tr>
<tr>
<td>Elective</td>
<td>Clinical Practicum</td>
</tr>
<tr>
<td>Nursing Fundamentals**</td>
<td>Career Readiness Cert; NA I Cert; HS Diploma</td>
</tr>
</tbody>
</table>

*Optional CTE Internship available (minimum 15 hours/week)
**Successful completion of NA I class is required to apply to the Medical Sonography Program. Successful completion of Nursing Fundamentals with a C or better satisfies this requirement.

Note: ACA 111 and HSC 110 are paired in an online learning community.

- Successful completion of this high school curriculum is no guarantee of acceptance into the Medical Sonography Program. Admission to the program is competitive. Please visit [www.pittcc.edu](http://www.pittcc.edu) for more details (click on academic programs > health sciences programs > admissions > admissions requirements).
- Individuals may apply to the Medical Sonography Program from September 1 through April 30. To apply, contact health sciences admissions at 252-493-7473 or hitscadm@email.pittcc.edu
- Applicants will be notified by mail of their acceptance into the Medical Sonography Program in late June. Those accepted will begin medical sonography courses in the fall and follow a prescribed curriculum over five semesters. Note: Applicants accepted to the Medical Sonography Program will be required to submit active BLS Certification from the American Heart Association and successful completion of NA I class by July 1.

### CAREER GUIDANCE

- Resume & Cover Letter Writing
- Mock Interviews
- Career Fair
- Job Tactics

- Requires clinical practicum.

### RELATED OPPORTUNITIES (STACKABLE CREDENTIALS) AVAILABLE AT PCC

Echocardiography Diploma: Eligible for ARDMS Certification in Cardiac