What They Do
Conduct tests on pulmonary or cardiovascular systems of patients for diagnostic purposes. May conduct or assist in electrocardiograms, cardiac catheterizations, pulmonary functions, lung capacity, and similar tests.

Is This For You?
Work Interests are described in the following categories (compatible with Holland’s Model). People who tend to succeed in this career are:

- **Realistic** – involves work activities that include practical, hands-on problems and solutions.
- **Investigative** – involves working with ideas, and require an extensive amount of thinking.
- **Social** – involves working with, communicating with, and teaching people. Often involves helping or providing service to others.

Work Values are aspects of work that are satisfying to you. The following work values are generally associated with this career:

- **Relationships** – allow employees to provide service to others and work with co-workers in a friendly non-competitive environment.
- **Support** – offer supportive management that stands behind employees.
- **Independence** – allow employees to work on their own and make decisions.

Abilities reflect a person’s aptitude to acquire skills and knowledge. The following abilities are important for success in the career:

- Problem Sensitivity
- Near Vision
- Oral Comprehension
- Oral Expression
- Deductive Reasoning
- Inductive Reasoning
Skills You Need

- Active Listening
- Critical Thinking
- Monitoring
- Operation Monitoring
- Speaking
- Reading Comprehension
- Social Perceptiveness
- Judgement and Decision Making

Requirements for the National Career Readiness Certificate (NCRC)  

<table>
<thead>
<tr>
<th>Skill</th>
<th>Median Skill Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Mathematics</td>
<td>5</td>
</tr>
<tr>
<td>Reading for Information</td>
<td>5</td>
</tr>
<tr>
<td>Locating Information</td>
<td>5</td>
</tr>
<tr>
<td>Business Writing</td>
<td>3</td>
</tr>
<tr>
<td>Workplace Observation</td>
<td>3</td>
</tr>
<tr>
<td>Listening for Understanding</td>
<td>3</td>
</tr>
</tbody>
</table>

Education & Training

Cardiovascular technician positions require at least an associate’s degree in cardiovascular technology or a related program.

SD Employment & Wages

<table>
<thead>
<tr>
<th>Year</th>
<th>Workers</th>
<th>Numeric Change</th>
<th>Percent Change</th>
<th>Average Annual Demand for Workers</th>
<th>Median Annual Wage</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>190</td>
<td>235</td>
<td>45</td>
<td>23.7%</td>
<td>$45,400</td>
</tr>
<tr>
<td>2014</td>
<td>204</td>
<td></td>
<td></td>
<td>8</td>
<td></td>
</tr>
</tbody>
</table>

Where They Work

The South Dakota Industries which employ the largest number of cardiovascular technicians are:

- General Medical and Surgical Hospitals
- Offices of Physicians
- Federal Government
- Investigation and Security Services
- Local Government

Additional References

Labor Market Information Center  
www.dlr.gov/mic

Career OneStop  
www.careeronestop.org

O*Net Online  
www.onetcenter.org

mySkills myFuture  
www.myskillsmyfuture.org

Updated March 2017.