Radiological Technologist

What They Do
Take x rays and CAT scans or administer nonradioactive materials into patient’s blood stream for diagnostic purposes. Includes technologists who specialize in other scanning modalities.

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.
- **Social** – involves working with, communicating with, and teaching people. Often involve 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.
- **Working Conditions** – offer job security and good working conditions.

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

- Oral Comprehension
- Oral Expression
- Problem Sensitivity
- Written Comprehension
- Deductive Reasoning
- Inductive Reasoning

Standard Occupational Code 29-2034.00
Skills You Need

- Active Listening
- Speaking
- Reading Comprehension
- Social Perceptiveness
- Writing
- Critical Thinking
- Coordination
- Judgment and Decision Making

Education & Training

Radiological technologists need an associate’s degree in radiologic technology or related program.

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>7</td>
</tr>
<tr>
<td>Reading for Information</td>
<td>5</td>
</tr>
<tr>
<td>Locating Information</td>
<td>4</td>
</tr>
</tbody>
</table>

Where They Work

The South Dakota Industries which employ the largest number of radiological technologists are:

- General Medical and Surgical Hospitals
- Offices of Physicians
- Offices of Other Health Practitioners
- Medical and Diagnostic Laboratories
- Federal Government

SD Employment & Wages

<table>
<thead>
<tr>
<th>Year</th>
<th>Workers 2014</th>
<th>Workers 2024</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>990</td>
<td>1,020</td>
<td>120</td>
<td>12.6%</td>
<td>25</td>
<td>$47,590</td>
</tr>
</tbody>
</table>

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

Provided By

Labor Market Information Center
South Dakota Dept. of Labor Regulation
605.626.2314

Visit www.dlr.gov/mic and choose Career Exploration & Planning from the left-hand menu, then Hot Careers to obtain most recent workforce data and trends and more resources, including this document. Also available are explanations of the terms used in the work interests, work values, abilities and skills sections of this occupational profile.

Updated March 2017.