Pathway: Health Science

Possible Pathways to your Career!

<table>
<thead>
<tr>
<th>Certificate Option(s)</th>
<th>Programs Available</th>
<th>Program Length (*Based on meeting Program Entrance Requirements)</th>
<th>Tuition</th>
<th>Career Options</th>
<th>Salary Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mammography Certificate (1-2 semesters)</td>
<td></td>
<td>6 credits</td>
<td>Aims Tuition</td>
<td>Mammographer, Mammography Technologist</td>
<td>$$-$$$$</td>
</tr>
</tbody>
</table>

Plan of Study: Radiologic Technologies

Web ID 3824 & 3632

Relevant Occupational Experience

Pathway Overview: The Health Science Career Cluster orients students to careers that promote health, wellness, and diagnosis as well as treat injuries and diseases.

Relevant Abilities: Good with people, good communication skills, compassionate, critical thinking skills and the ability to make precisely coordinated movements.

Military: Radiologic (X-Ray) Technician

CCHS Credit for Prior Learning Guide

Aims Assessment for Credit for Prior Learning assistance

Related Occupations: Radiologic Technologists and Radiation Therapist

Career Goal (O*Net Code): (Click the occupational title to access education, skills, and employment outlook information)

Radiologic Technologists (29-2034.01)  
Radiologic Technicians (29-2034.02)  
Radiologic Technologists and Technicians (29-2034.00)  
Nuclear Medicine Technologists (29-2033.00)  
Health Specialties Teachers, Postsecondary (25-1071.00)  
Radiation Therapists (29-1124.00)*  
Radiologists (29-1069.10)

* High Demand Career

Aims Radiologic Technology website

Career & Technical Education is delivered through the Colorado Community College System www.cccs.edu
Aims Community College
Radiologic Technology
Postsecondary Plan of Study

Radiologic Technology, A.A.S. (2 years)

74 credits

Aims Tuition

Radiologic Technologist (RT), X-Ray Technologist, MRI Technologist (Magnetic Resonance Imaging Technologist), Computed Tomography Technologist (CT Technologist), Mammographer, Radiology Technologist, Mammography Technologist, Radiographer, Radiological Technologist, Computed Tomography Radiologic Technologist (CT Rt), Nuclear Medicine Technologist, Staff Nuclear Medicine Technologist, Certified Nuclear Medicine Technologist (CNMT), Supervisor Nuclear Medicine, Radiation Safety Officer, Registered Nuclear Medicine Technologist, Nuclear Cardiology Technologist, Professor, Clinical Professor, Physical Therapy Professor, Occupational Therapy Professor, Clinical Education Academic Coordinator, Instructor, Clinical Sciences Professor, Faculty Member, Pharmacology Professor, Public Health Professor, Radiation Therapist, Staff Radiation Therapist, Radiation Therapy Technologist (RTT), Registered Radiation Therapist, Computed Tomography Simulation Therapist (CT Simulation Therapist) (many of the positions listed require training and certification beyond our AAS degree)

*$ = $15-25,000; $$ = $25-55,000; $$$ = $55-90,000; $$$$ = Above $90,000

CollegeInColorado’s SLOPE Calculator
SLOPE calculates your estimated monthly payment for student loans and compares it to your projected earnings for your career choice. The results will indicate how much you can borrow comfortably based upon your career.

College Tuition Comparison Guide
Compare Colleges Resident and Non-resident tuition and fees.
# Support Services:

**Services for Students** – Academic Support, Advising, Bookstore, Campus Technology, Career Center, E-Cashier, Disability Services, Fitness Facilities, Financial Aid, Library, Learning Commons, Student Life, Student Success Center, Testing Center, Tutoring & Supplemental Instruction.

# Financial Aid:

**General Financial Aid Information** – Aims Community College offers a wide variety of financial aid programs and services to help you meet your educational costs including Federal & State Grants, Scholarships, Work-Study Program

# Professional Affiliations

- American Society of Radiologic Technologists
- American Registry of Radiologic Technologists
- Colorado Community College System
- North Central Association of Colleges and Schools

# Aims Kiefer Library Subject Guide

- **Radiologic Technician / Nuclear Medicine**
- **Diagnostic Medical Sonographers**
- **Radiologic Technologists and Technicians**

# Practical Learning Experiences:

- **RTE 181** - Radiographic Internship I
- **RTE 183** - Radiographic Internship III
- **RTE 282** - Radiographic Internship V

**Clinical experiences available through:**

- Aurora Medical Center Women’s Pavilion
- Banner Health Systems
- Boulder Community Hospital
- Centennial Center for Women’s Health
- Centura Avista Hospital
- Estes Park Medical Center
- Exempla Good Samaritan
- Exempla Lutheran

---

*Career & Technical Education is delivered through the Colorado Community College System [www.cccs.edu]*
Aims Community College  
Radiologic Technology  
Postsecondary Plan of Study  

Updated Summer 2013

Greeley Medical Clinic  
Harmony Imaging Center  
Kaiser Permanente  
Longmont Clinic  
Longmont United Hospital  
McKee Medical Center  
Medical Center at Centerra  
Medical Center of the Rockies  
North Colorado Medical Center  
North Suburban Medical Center  
Platte Valley Medical Center  
Plaza West  
Porter Hospital Downing  
Poudre Valley Hospital  
Presbyterian/St. Lukes  
Rose Breast Center  
Skyline  
St. Anthony’s North  
St. Joseph’s  
Summit View  
University of Colorado

<table>
<thead>
<tr>
<th>Work Environment and Physical Demands</th>
</tr>
</thead>
<tbody>
<tr>
<td>Occupations often can be performed by those with disabilities when provided with appropriate adaptations.</td>
</tr>
<tr>
<td>Work is done indoors in hospitals, outpatient clinics, and private offices.</td>
</tr>
<tr>
<td>Work can be physically demanding; requiring a lot of standing and walking, lifting and positioning patients, occasionally lifting up to ten pounds, and stamina.</td>
</tr>
<tr>
<td>The strict adherence to safety regulations minimizes the danger from exposure to x-rays. Some specialize in therapy work normal business hours.</td>
</tr>
<tr>
<td>Those who work in large hospitals may have to work night and weekend shifts.</td>
</tr>
<tr>
<td>Some work alone. Others work as a member of a health team.</td>
</tr>
<tr>
<td>Some work is done with close supervision.</td>
</tr>
<tr>
<td>May experience stress from a lot of activity and from working with ill patients.</td>
</tr>
<tr>
<td>Small hospitals may not have these extra shifts, but Technologists may be called back to work after hours to handle emergencies.</td>
</tr>
<tr>
<td>Part-time and on-call positions are available.</td>
</tr>
</tbody>
</table>

To find adaptations used for specific disabilities, go to the Job Accommodation Network’s Searchable Online Accommodation Resource (SOAR).

Source: EUREKA, the California Career Information System

---

Career & Technical Education is delivered through the Colorado Community College System [www.cccs.edu](http://www.cccs.edu)
Aims Community College is accredited by the Higher Learning Commission and a member of the North Central Association of Colleges and Schools.

Aims Community College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities. Please direct inquiries to: Sandra Owens, 5401 West 20th Street P.O. Box 69, Greeley CO. 80634.

** It is strongly recommended that if students are intending to transfer to a four-year institution, they consult with the transfer institution to determine transferability of their Aims Community College courses.

*** This document is a guide only. It does not act as a legally binding contract.