

RADIOLOGIC TECHNOLOGIST

{ JOB DESCRIPTION }

Administer X-rays, CAT scans, and other diagnostic imaging procedures on patients for use in diagnosing medical problems.

{ SKILLS AND APTITUDES NEEDED }

- Basic knowledge in mathematics, physics, chemistry, and biology
- Good physical condition may be required to lift or turn disabled patients

Radiologic technologists may specialize in several areas. Radiographers produce x-ray images by positioning radiographic equipment, making an exposure, and processing the image. CT technologists operate computerized tomography scanners to produce cross sectional views of patients. Magnetic resonance imaging (MRI) technologists operate machines using giant magnets and radio waves rather than radiation to create an image. Sonographers, also known as ultrasonographers, direct nonionizing, high frequency sound waves into areas of the patient's body. The equipment then collects reflected echoes to form an image. The image is viewed on a screen and may be recorded on video tape or photographed.

In addition to preparing patients and operating equipment, radiologic technologists keep patient records and adjust and maintain equipment. They may also prepare work schedules, evaluate equipment purchases, or manage a radiology department. They must follow physicians' orders precisely and conform to regulations concerning use of radiation to protect themselves, their patients, and coworkers from unnecessary exposure.

{ SOUTH PLAINS }

Avg. Wage
\$14.80

Avg. Annual
Job Openings
8

Employment in
1998 2008
232 284

{ TEXAS }

Avg. Wage
\$14.61

Avg. Annual
Job Openings
315

Employment in
1998 2008
8,951 10,846

{ U.S. EMPLOYMENT }

In 1998
157,480

Female **65%**
Minority **32%**

HEALTH SERVICES CAREERS



{ PREFERRED EDUCATION }

- Formal training in radiography or diagnostic sonography accredited by the Joint Review Committee on Education in Radiologic Technology and leading to certificate, associate degree, or bachelor degree

{ LICENSE / CERTIFICATION }

- General (MRT) or limited (LMRT) certification required by Texas Department of Health for some procedures
- Registered by American Registry of Radiologic Technologists

{ REGIONAL EDUCATION PROVIDERS }

- **SOUTH PLAINS COLLEGE**- Associate of Applied Science (A.A.S.), Radiologic Technology

{ REGIONAL TRAINING PROVIDERS }

• COVENANT HEALTH SYSTEMS

Radiologic Technology Certificate
Lori Grantham, Program Director
School of Radiology
(806) 725-0456

{ JOB SITES }

Hospitals	52%
Offices/Clinics, Doctors	35%
Medical/Dental Laboratory	5%

{ FOR MORE INFORMATION }

AMERICAN HEALTHCARE RADIOLOGY ADMINISTRATORS
111 Boston Post Rd., Suite 105, P.O. Box 334, Sudbury, MA 01776,
(800) 334-2472, <http://ahraonline.org>

AMERICAN SOCIETY OF RADIOLOGIC TECHNOLOGISTS
15000 Central Ave. SE, Albuquerque, NM 87123-3917
505) 298-4500, www.rsna.org

COMMISSION ON ACCREDITATION OF ALLIED HEALTH
EDUCATION PROGRAMS IN DIAGNOSTIC MEDICAL
SONOGRAPHY
35 East Wacker Dr., Suite 1970, Chicago, IL 60601-2208
(312) 553-9355, www.caahep.org

JOINT REVIEW COMMITTEE ON EDUCATION IN
RADIOLOGIC TECHNOLOGY
20 N. Wacker Dr., Suite 900, Chicago, IL 60606-2901,
(312) 704-5300, www.jrcert.org

SOCIETY OF DIAGNOSTIC MEDICAL SONOGRAPHERS
12770 Coit Rd., Suite 708, Dallas, TX 75251-1319
(800) 229-9506, www.sdms.org

TEXAS MEDICAL RADIOLOGIC TECHNOLOGIST PROGRAM
TEXAS DEPARTMENT OF HEALTH, 1100 West 49th St., Austin,
TX 78756-3183, (512) 834-6617, www.tdh.st.tx.us/hcqs/plc/mr