

Radiologic Technologist / Technician

PANHANDLE

Average Wage
\$19.94

*Average Annual
Job Openings*
10

<i>Employment in</i>	
<i>2004</i>	<i>2014</i>
200	250

TEXAS

Average Wage
\$22.27

*Average Annual
Job Openings*
655

<i>Employment in</i>	
<i>2004</i>	<i>2014</i>
12,000	16,300

UNITED STATES

Employment in
2006
190,180

Female 65%
Minority 32%

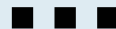
EMPLOYMENT CODES

OES 32919

O*NET 29-2034.02
*Radiologic Technologists
and Technicians*

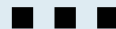
JOB DESCRIPTION

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 technicians may specialize in several areas. *Radiographers* produce x-ray films (radiographs) by positioning radiographic equipment, making an exposure, and developing the film. *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 technicians 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.

PANHANDLE AREA PUBLIC TRAINING PROVIDERS

Training Provider	Direct	Related	Education Offering
Amarillo College Amarillo, Dumas, Hereford	√		A.A.S. (Associate in Applied Science Degree), Radiation Therapy Major
	√		A.A.S. (Associate in Applied Science Degree), Radiography Major

For information on public training providers outside of the Panhandle Area, please refer to the Resource Index.

LICENSE/CERTIFICATION

Required: American Registry of Radiologic Technologists Certification

Required: Texas Department of State Health Services Medical Radiologic Technologist Certification

Specified by the Texas Department of State Health Services for any Medical Radiologic Technologist (MRT) or Limited Medical Radiologic Technologist (LMRT) who perform dangerous and hazardous procedures

Required: Specific continuing education credits as required for licensure renewal

HIGHEST EMPLOYMENT LEVELS BY INDUSTRY

General Medical/Surgical Hospitals	65%	Federal Government	2%
Physician's Offices	19%	Dentist's Offices	1%
Medical/Diagnostic Laboratories	5%	Employment Services	1%
Animal Production	4%	Outpatient Care Centers	1%

FOR MORE INFORMATION

American Healthcare Radiology Administrators, 490-B Boston Post Rd., Suite 101, Sudbury, MA 01776, (800) 334-2472, <http://www.ahraonline.org>

Commission on Accreditation of Allied Health Education Programs, 1361 Park St., Clearwater, FL 33756, (727) 210-2350, <http://www.caahep.org>

Joint Review Committee On Education in Radiologic Technology, 20 N. Wacker Dr., Suite 2850, Chicago, IL 60606-3182, (312) 704-5300, <http://www.jrcert.org>

Society of Diagnostic Medical Sonography, 2745 Dallas Parkway, Suite 350, Plano, TX 75093-8730, (800) 229-9506, <http://www.sdms.org>

Professional Licensing and Certification Unit, Texas Department of State Health Services MC-1982, 1100 West 49th St., Austin, TX 78756-3183, (512) 834-6628, <http://www.dshs.state.tx.us/plc>

For additional website sources, please refer to the Resource Index.

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