

## YOUR FUTURE AS A RADIOLOGIC TECHNOLOGIST

Have you ever had an x-ray? Then you've probably met a radiologic technologist. Radiologic services, often called imaging services, employ radiologic technologists who perform imaging tests to assist in diagnosing patients. Some radiologic technologists specialize in computerized tomography (CT) and magnetic resonance imaging (MRI). While most are employed in hospitals, jobs are also available in many specialties and settings. The health industry has been trying to overcome a severe shortage of radiologic technologists for a number of years.

### Factors contributing to the shortage:

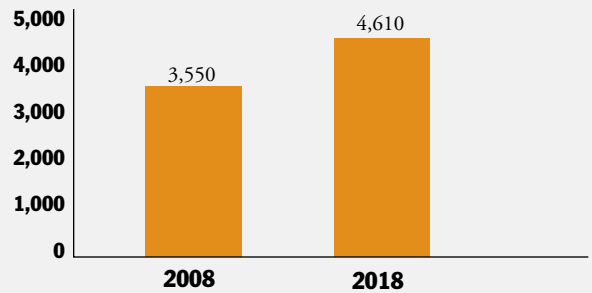
- the number of medical imaging procedures performed are increasing each year
- a growing and aging population
- a workforce that is approaching retirement age
- difficulty in attracting new entries into the workforce
- advancing technology requires continued training



**THE NUMBER OF RADIOLOGIC TECHNOLOGISTS IN THE GULF COAST REGION WILL GROW BY 30 PERCENT FROM 2008 TO 2018!**

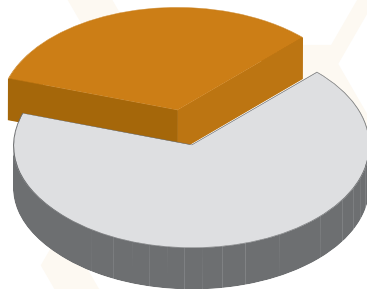
**THE GULF COAST REGION NEEDS TO TRAIN 155 RADIOLOGIC TECHNOLOGISTS EACH YEAR FROM 2008 TO 2018 TO KEEP UP WITH DEMAND!**

Radiologic Technologists/Technicians – Gulf Coast Region



Due to Replacement  
50

Due to Growth  
105



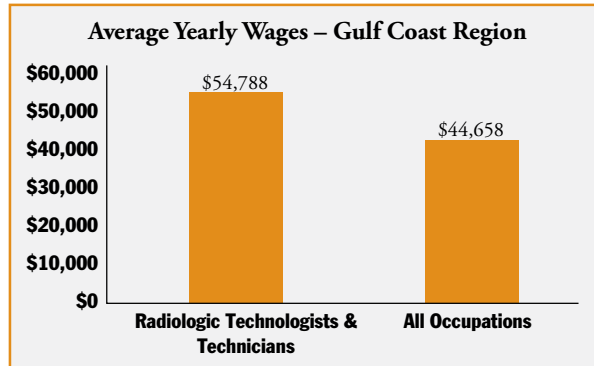
Annual Job Openings – Gulf Coast Region

Brought to you by the Education Committee of The Gulf Coast Workforce Board.  
For more information visit us on the web at [www.wrksolutions.com](http://www.wrksolutions.com)  
Latest data available. May 2011.

\*Includes the following counties: Austin, Brazoria, Chambers, Colorado, Fort Bend, Galveston, Harris, Liberty, Matagorda, Montgomery, Walker, Waller, and Wharton.

# FOCUS ON RAD TECHS

**VISUALIZE YOURSELF IN THIS EXCITING CAREER THAT PAYS MORE THAN \$50,000 A YEAR.**



## WHAT ABOUT SPECIALIZED POSITIONS OR ADVANCEMENT OPPORTUNITIES?

With experience and additional training, candidates may become specialized, branch into other related occupations, or move up into management positions:

- CT scanning specialist
- Angiography
- Mammography specialist
- Magnetic resonance imaging (MRI)
- Supervisor
- Chief radiologic technologist



## PLAN EARLY FOR A CAREER AS A RADIOLOGIC TECHNOLOGIST

Radiological technology occupations usually require completion of a two-year associate degree program. Formal training programs do, however, range in length from 1 to 4 years and lead to a certificate, an associate degree, or a bachelor's degree. Training programs can be found at:

- Community Colleges
- Universities
- Vocational-Technical Institutes
- In some instances, training is available in hospital-sponsored programs

In addition to training completion, employers generally require job candidates to be certified by the American Registry of Radiological Technologists. To be eligible for certification, technologists must graduate from an accredited program and pass an examination. In addition, candidates are generally required to be licensed or eligible for license by the State of Texas Department of Health.

# FOCUS ON RAD TECHS

## PREPARING FOR A RADIOLOGIC TECHNOLOGIST\*

9th Grade		Suggested Coursework	
	English I	World Geography	<b>Career-Related Electives:</b> Introduction to Health Science Technology AND Medical Terminology
	Algebra I	Languages other than English I	
	Biology	Health/PE or Equivalent	
10th Grade		Suggested Coursework	
	English II	World History	<b>Career-Related Electives:</b> Health Science Technology I
	Geometry	Languages other than English II	
	Chemistry	Technology Applications	
11th Grade		Suggested Coursework	
	English III	United States History	<b>Career-Related Electives:</b> Health Science Technology II or Anatomy and Physiology of Human Systems or Languages other than English III
	Algebra II	Communication Applications	
	Physics	PE or Equivalent	
12th Grade		Suggested Coursework	
	English IV	Government/Economics	<b>Career-Related Electives:</b> Health Science Technology III or Pathophysiology or Independent Study or Calculus or Languages other than English IV
	AP Statistics	Fine Arts	
	Scientific Research and Design		

\*Source: AchieveTexas.org

## GULF COAST REGION RADIOLOGIC TECHNOLOGIST PROGRAMS

### COMMUNITY COLLEGES:

- Galveston College
- Houston Community College System
- Lone Star College System
- San Jacinto College District
- Wharton County Junior College

### HEALTH-RELATED INSTITUTIONS:

- Harris County Hospital District
- Memorial Hermann Healthcare
- University of Texas-MD Anderson



## MAJOR EMPLOYERS IN THE GULF COAST REGION

- Advanced Diagnostics
- Harris County Hospital District
- HCA Healthcare
- Health Care Partners
- Healthsouth Diagnostic Imaging
- Houston VA Medical Center
- Kelsey-Seybold Clinic
- Memorial Hermann Healthcare System
- The Methodist Hospital
- Oak Bend Medical Center
- River Oak Imaging
- St. Luke's Episcopal Health System
- Shriners Hospital for Children
- Tenet Health Care
- Texas Children's Hospital
- The University of Texas MD Anderson Cancer Center
- The University of Texas Medical Branch



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