

# Medical Imaging - Web Lesson

Basic Information about Medical Imaging --- [www.clermontradiology.com](http://www.clermontradiology.com)

	Write the complete name.	How is the image made?	How does a person prepare for the test?
CT Scan	Computerized Tomography	Special xray that can get different angle from around the body	Avoid eating or drink for a period of time - 12 hours.
MRI (high field)	Magnetic Resonance Imaging	Uses magnets and radio waves to create images and pictures	Should avoid drinking coffee or soft drinks. needs to removal all jewelry
Ultrasound	Ultrasound Sonographer	High Frequency Sound Waves	Full Bladder/Empty Bladder
X Ray Digital	X Radiation	Form of electromagnetic radiation that shoots photons into the body.	Just show up and don't wear metal
DEXA Scan	Bone Density Scan	Machine sends xray through two different sources of the bone	No scans two weeks prior to this one.

Occupational Outlook Handbook: Radiologic and MRI

Technologists---<http://www.bls.gov/ooh/healthcare/radiologic-technologists.htm>

1. Which of the listed duties do you think would be the most challenging and why?

b. Which of the listed duties do you think would be the easiest to manage?

2. Where do technologists usually work?

3. What courses should high school students take if they are interested in radiology?

b. Why are math skills necessary for this occupation?

c. What type of degree is the most common for those wanting a career in radiology? How long does it take to get this degree? (You may have to look this up on another site.)

4. Which type of radiology technologist makes the most money?
- b. What is the mean annual wage for all radiologic technologists? Divide this wage by 52 weeks to determine how much money you would make in a week in this career?
5. What growth is expected for this career?
6. Radiation therapist is listed as a similar occupation. What is this person's job duties?