



PRE-REQUISITES for Radiologic Technology:

COL101 Introduction to College, COL108 Freshman Seminar,
or GUD136 Mastering the College Experience
BIO211 Anatomy and Physiology I
BIO212 Anatomy and Physiology II
ENG101 English Composition I
MTH128 Intermediate Algebra
Computer Literacy met by exam or coursework

CO-REQUISITES:

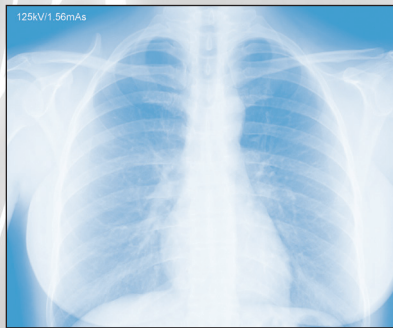
HST103 US History I
or PSC102 MO Government and Constitutions
PHL203 Medical Ethics
PSY101 General Psychology *or* SOC101 General Sociology

WHAT IS A RADIOLOGIC TECHNOLOGIST?

If you've ever had an x-ray, you've probably met a radiologic technologist. **Radiographers** use x-ray equipment to produce 2-D and 3-D images of the tissue, organs, bones and vessels of the body. Some radiographers specialize in computed tomography (CT), magnetic resonance imaging (MRI) or mammography. Radiologic technologists are needed in every health care setting. You could work in a large hospital, a suburban outpatient clinic or a rural physician's office. You could specialize in dozens of **clinical areas** ranging from prenatal care to orthopedics. You could **manage** an entire radiology department, including its budget and personnel. You could teach, inspiring new generations of radiologic technologists, or you could perform **research** that leads to breakthroughs in diagnostic imaging.

WHAT SKILLS/BACKGROUND DO RADIOLOGIC TECHNOLOGISTS NEED?

Following graduation, you'll take a **certification examination** designed to demonstrate your qualifications to enter the field. The largest certification agency, the American Registry of Radiologic Technologists, has more than 300,000 registrants.



During your educational program, you will study subjects such as anatomy, biology, radiation safety and physics. You'll learn to use **computers** to acquire and manipulate images. And you'll work with some of the most **technologically advanced** equipment in the medical field. But you'll also learn to **communicate** with patients, to solve problems and to work with other members of the health care team, including doctors, nurses and experienced radiologic technologists. During this part of your education, known as clinical experience, you'll have a **hands-on opportunity** to practice your patient care skills and fine-tune your technical knowledge. You will develop skills that allow you to provide patient care that is **accurate** as well as **compassionate**.



CAREER OUTLOOK:

A career in radiologic technology offers a **promising future**, job stability and a good salary. As technology advances and the American population ages, the demand for radiologic exams and procedures has grown. The country needs **qualified professionals** to provide medical imaging. Wages of radiologic technologists are **competitive** with other health professionals who have similar educational backgrounds. A 2010 survey by the American Society of Radiologic Technologists showed that annual **salaries** averaged about \$44,500 for entry-level. With experience, additional education or supervisory responsibilities, salaries can reach \$65,000 to \$85,000 per year, depending on area of specialization. In addition, many employers allow radiologic technologists to work flexible schedules, including part-time or evenings, giving you the time you need for family, friends, school or other activities.

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Missouri Career Center • 3675 W. Outer Rd. • Suite 102 • Arnold, MO 63010 • (636) 287-8909

**The Radiologic Technology Program at Jefferson College will be seeking accreditation by the Joint Review Committee on Education in Radiologic Technology (JRCERT). The program will submit an Application for Candidacy in Summer 2013., which is the formal application required in the pre-accreditation phase. Submission of this document does not assure that the program will be granted Accreditation.*

This workforce solution was funded by a grant awarded by the U.S. Department of Labor's Employment and Training Administration. The solution was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership.

