

R T 200L: RADIOLOGIC TECHNOLOGY AS A CAREER

Foothill College Course Outline of Record

Heading	Value
Units:	1.5
Hours:	18 lecture per quarter (18 total per quarter)
Degree & Credit Status:	Non-Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	None
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Student Learning Outcomes

- The student will demonstrate professionalism in a radiology patient care environment.
- The student will be able to appraise the role of a radiologic technologist in the health care environment.
- After the hospital visitation, the student will demonstrate the importance of good communication in the healthcare environment.

Description

Introduction to the radiological sciences and its role in health care. Focus on the use of ionizing radiation in the diagnosis and treatment of disease and on the health professionals responsible for providing this medical specialty. Discussion of requirements for the Radiologic Technology Program. Three hours hospital observation included.

Course Objectives

The student will be able to:

- describe the components of the radiologic technology program
- state the program prerequisites and the application process
- understand the importance of using non-cognitive variables to evaluate their readiness for a career in healthcare
- determine through reflection, if they possess the 10 qualities of a great healthcare worker
- discuss the requirements for the clinical visitation
- understand frequently used terminology related to radiologic technology

Course Content

A. Program overview

- First year
 - Classroom
 - Laboratory
 - Clinical
- Second year
 - Classroom
 - Clinical
 - Clinical rotations
 - Clinical affiliates
 - Scholarships
 - Professional licenses

- ARRT
 - RHB
- Imaging modalities
 - Diagnostic radiology
 - CT
 - Angiography
 - Mammography
 - MRI
 - Employment opportunities
 - Allied Health Program Disability Accommodations Policy
- Application
 - Prerequisites
 - GPA
 - Math
 - Chemistry
 - Anatomy and physiology
 - Medical terminology
 - R T 200L
 - COMM 2
 - Foreign transcripts
 - Counseling department
 - Apply online
 - Selection and admission policy
 - Lottery
 - Physical examination
 - Background screening
 - Financial information
 - Using non-cognitive variables in predicting student success
 - Positive self concept
 - Realistic self-appraisal
 - Understanding diversity
 - Creating long-range goals
 - Availability of strong support team
 - Leadership
 - Top 10 qualities of a great healthcare professional
 - Communication skills
 - Emotional stability
 - Empathy
 - Flexibility
 - Good attention to detail
 - Good interpersonal skills
 - Physical endurance
 - Problem solving skills
 - Quick response to emergencies
 - Respect
 - Clinical visitation
 - Directions
 - Timeliness
 - What to bring
 - Appropriate attire
 - Confidentiality
 - HIPAA
 - Terminology
 - Radiology
 - Radiologist
 - Radiologic technologist
 - X-ray source
 - X-ray image
 - Digital imaging
 - Image receptor

Lab Content

Not applicable.

Special Facilities and/or Equipment

- A. Multimedia classroom
- B. Internet
- C. Classroom with view boxes
- D. X-ray laboratory

Method(s) of Evaluation

Methods of Evaluation may include but are not limited to the following:

- A. Oral presentation
- B. Written report
- C. Participation

Method(s) of Instruction

Methods of Instruction may include but are not limited to the following:

- A. Observation in an affiliated hospital radiology department.
- B. Canvas is used as a support tool (all instruction is face-to-face).

Representative Text(s) and Other Materials

None.

Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments

- A. Students are required to write a reflective paper on their experience visiting a radiology department. Reflections should include observations, patient interactions, co-worker interactions, communication skills, and patient care.
- B. An oral presentation is also delivered by the student regarding their hospital visitation.

Discipline(s)

Radiological Technology