

# R T 62C: PROFESSIONAL DEVELOPMENT IN RADIOLOGY

## Foothill College Course Outline of Record

Heading	Value
<b>Units:</b>	3
<b>Hours:</b>	3 lecture per week (36 total per quarter)
<b>Prerequisite:</b>	R T 62B.
<b>Degree &amp; Credit Status:</b>	Degree-Applicable Credit Course
<b>Foothill GE:</b>	Non-GE
<b>Transferable:</b>	CSU
<b>Grade Type:</b>	Letter Grade Only
<b>Repeatability:</b>	Not Repeatable

## Student Learning Outcomes

- Describe the process of professional development and outline the steps required for continuing education and life-long learning in radiology.
- The student will demonstrate knowledge of image evaluation, which includes anatomy, positioning, and technical factor usage for various radiographic procedures.

## Description

Professional development in radiography, continuing education, and advanced modality opportunities. Intended for students in the Radiologic Technology Program; enrollment is limited to students accepted in the program.

## Course Objectives

The student will be able to:

- complete the credentialing process required to sit for the ARRT and RHB board examinations.
- develop a resume and cover letter.
- differentiate the various radiology agencies and their function.
- identify the organizations related to the professional aspects of radiologic technology.
- outline steps required for professional advancement and continuing education.
- identify the importance of emotional intelligence.
- recognize and avoid compassion fatigue.
- finalize a professional portfolio that outlines the student's educational process.

## Course Content

- Professional Credentialing
  - Definition
  - Certification
  - Registration
  - Licensure
- Professional Development
  - Cover letter
  - Resume
  - Job search
  - Interviewing skills

- Social media
- Networking
- Online presence
- Institutional profile
- Personality assessment
- Institutional cultural attributes
- Agencies
  - National
    - American Registry of Radiologic Technologists (ARRT)
    - Nuclear Medicine Technology Certification Board (NMTCB)
    - American Registry of Diagnostic Medical Sonographers (ARDMS)
  - State, CDPH - Radiation Health Branch
  - Professional Organizations
    - Purpose, function, activities
    - Local organizations
    - State organizations
    - National
      - American Society of Radiologic Technologists (ASRT)
        - Practice standards
        - Code of ethics
        - Rules of ethics
      - American Healthcare Radiology Administrators (AHRA)
      - Association of Collegiate Educators in Radiologic Technology (ACERT)
      - Association of Educators in Imaging and Radiologic Sciences Inc. (AEIRS)
      - International Society of Radiographers and Radiological Technologists (ISRRT)
      - Related associations organizations
        - American Board of Radiology (ABR)
        - American College of Radiology (ACR)
        - Radiological Society of North America (RSNA)
    - Professional Development and Advancement
      - Continuing education and competency requirements
        - Definition
        - Rationale/benefits
        - Requirements (ARRT, state, institutional)
      - Continuing education opportunities
        - Postprimary certification
        - Collegiate/educational programs
        - Self-learning activities
        - Professional conferences
        - Learning style assessment
      - Employment considerations
        - Geographic mobility
        - Economic factors
        - Manpower issues
      - Advancement opportunities
        - Education
        - Administration
        - Physics
        - Research
        - Industrial
        - Medical informatics
        - Sales/applications
    - Emotional Intelligence
      - Definition
      - Applicability to professional behaviors
      - Employer survey
    - Compassion Fatigue
      - Definition
      - Signs
      - Coping mechanisms

- 4. Modalities most at risk
- 5. Career longevity
- H. Professional Portfolio
- 1. Utilization
- 2. Refinement

## **Lab Content**

Not applicable.

## **Special Facilities and/or Equipment**

- A. Classroom with multimedia equipment and internet access.
- B. Computer access/internet access for online Etudes component.

## **Method(s) of Evaluation**

Professional portfolio.

## **Method(s) of Instruction**

- A. Lecture
- B. Discussion
- C. Scenario-based Exercises
- D. Group Activities
- E. Guest Speakers

## **Representative Text(s) and Other Materials**

None required.

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

- A. Reading Assignment: Article on avoiding compassion fatigue.
- B. Outside Assignment: Development of cover letter and resume.
- C. Creation of a professional portfolio that includes examples of the student's work from each quarter of the program.
- D. Evaluation of professional development opportunities.

## **Discipline(s)**

Radiological Technology