

RADIOLOGIC TECHNOLOGY

RT 53BL Radiologic Technology Laboratory/Clinic II

Provides continued clinical application of classroom theory (RT51, 61) and laboratory practice (RT51L, 61L) in clinical education facilities by assignment. The student radiographer, under direct supervision, participates in, and/or performs radiographic procedures. Prerequisite: RT 53AL
Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
1	TTH	8:00AM-5:00PM	5.50	C.Luna	HOSPTL

RT 60 Principles of Radiographic Imaging

Presents imaging equipment, technique formulation and factors as they are currently used in radiographic medical imaging. Proper image density, contrast, and resolution using film/screen and digital equipment, as well as maintenance of ongoing QA/QC procedures are emphasized. Prerequisite: RT 52 Co-requisite: RT 60L
Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
1	W	9:00AM-11:05AM	2.00	C.Luna	HW2105

RT 60L Applied Principles of Radiographic Imaging Lab

Applies theory of RT 60 in the laboratory setting to practically apply the effects of technique selection, collimation, distance, grid use, air gap technique and the use of film/screen, computed radiography, digital radiography, and darkroom procedures. Prerequisite: RT 52 Co-requisite: RT 60
Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
1	W	11:05AM-12:25PM	0.50	C.Luna	HW2106
2	W	1:00PM-2:20PM	0.50	C.Luna	HW2106

RT 61 Radiographic Positioning II

Teaches positioning principles, management of contrast media, related radiation protection, technical factors and nursing skills related to genitourinary, gastrointestinal tract, spine, ribs, sacrum, and coccyx. Both routine and non-routine projections are presented. Prerequisite: RT 51 Co-requisite: RT 61L
Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
1	M	11:15AM-1:20PM	2.00	A.Smeltzer	HW2105

RT 61L Radiographic Positioning Lab II

Positioning procedures for both routine and optional examinations are presented, according to competency-based outcomes criteria related to RT 61 concurrent instruction. Prerequisite: RT 51L Co-requisite: RT 61
Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
1	M	2:05PM-5:10PM	1.00	A.Smeltzer	HW2106
2	W	2:30PM-5:35PM	1.00	A.Smeltzer	HW2106

RT 62 Principles of Radiation Protection

Teaches radiation protection for the patient/public and the technologist, and radiobiology with emphasis on radiation dose and biologic effects. Studies state and federal laws which govern and control the use of ionizing radiation and the manufacture and use of radiation equipment. Prerequisite: RT 52
Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
1	M	9:00AM-11:05AM	2.00	D.Nist	HW2105

RT 63BL Advanced Positioning Lab/Clinic V

Applies classroom and laboratory theory from previous didactic courses to clinical education under indirect/direct supervision, with participation in all aspects of radiologic imaging. Prerequisite: RT 63AL
Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
1	MWF	8:00AM-5:00PM	8.00	C.Luna	HOSPTL

RT 72 Advanced Diagnostic Imaging Research

Introduces technically advanced imaging modalities including CT, MRI, mammography, bone densitometry, nuclear medicine, radiation therapy, and others in order to assist in the development of skills in formal research and presentation. Prerequisite: Acceptance to the Cabrillo College Radiologic Technology Program.
Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
1	TH	1:00PM-3:05PM	2.00	J.Custard	HW2105

RT 82 Advanced Diagnostic Imaging

Presents advanced radiographic procedures to include advanced modalities of computerized tomography, angiography, ultrasonography, bone densitometry, and interventional radiography. Prerequisite: RT 72
Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
1	T	2:15PM-4:20PM	1.00	A.Smeltzer	HW2105

Meets 8 weeks, 1/30-3/20.

RT 83 Transition to the Professional Role

Provides a comprehensive review of patient care, radiographic procedures, radiation protection, image production and evaluation, equipment operation and maintenance and the State of California's Health Code, Title XVII regarding fluoroscopic radiation laws, and application/resume preparation. Prerequisite: Graduation from an accredited Radiation Technology Program or 2nd year Radiation Technology student.
Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
1	T	12:00PM-2:05PM	2.00	C.Luna	HW2105

RT 185 Principles of Mammography

Studies the theory and practice of mammographic positioning, quality assurance/quality control, and imaging the anatomy and pathophysiology of the breast. Prepares the student in part for the state and national certification exams in mammography. Prerequisite: CRT or ARRT license or within one year of graduation from an accredited Radiologic Technology Program and CPR/Healthcare provider certification. Co-requisite: RT 185L

Section	Days	Times	Units	Instructor	Room
1	TH	3:15PM-5:20PM	2.00	J.Custard	HW2105

RT 185C Principles of Mammography Lab/Clinic

Clinical application of classroom theory and laboratory skills (RT185 and RT185L) with use of Mammography patient and imaging protocols. Prerequisite: CRT or ARRT license or 2nd year Radiologic Technology student and CPR/Healthcare provider certification. Co-requisite: RT 185 and RT 185L

Section	Days	Times	Units	Instructor	Room
1	Arr.	Arr.	1.00	C.Luna	HOSPTL

3 hr 10 minutes arranged per week.

RT 185L Principles of Mammography Lab

Provides the laboratory component to RT 185, to include: Breast positioning and imaging techniques, quality control/quality assurance, and operation of digital and analog mammographic equipment for both image acquisition and processing. Prerequisite: CRT or ARRT license or within one year of graduation from an accredited Radiologic Technology Program and CPR/Healthcare provider certification. Co-requisite: RT 185.

Section	Days	Times	Units	Instructor	Room
1	TH	6:00PM-9:05PM	1.00	J.Custard	HOSPTL