

RADIOLOGIC TECHNOLOGY

RT 50A Patient Care in Imaging Technology

Provides the concepts of optimal patient care including: physical assistance, routine and emergency patient care, infection control, pharmacology, and bloodborne pathogen protection. Prerequisite: Acceptance to the Cabrillo College Radiologic Technology Program.

Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
99219	W	12:30PM-2:35PM	2.00	C.Luna	HW2105

RT 50B Ethics and Legal Aspects of Radiologic Technology

Examines ethical standards and legalities pertaining to the field of medical imaging. Assesses culture, age, and stage of illness when providing optimal patient care.

Prerequisite: Acceptance to the Cabrillo College Radiologic Technology Program.

Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
99220	M	10:15AM-11:05AM	1.00	C.Luna	HW2105

RT 50L R.T. Patient Care Laboratory

Provides practical application of the fundamentals of patient care in radiologic technology, to include radiation protection, body mechanics, contrast media preparation, vital signs, asepsis, HIPAA regulations, and standard precautions. Prerequisite: Acceptance to the Cabrillo College Radiologic Technology Program.

Co-requisite: RT 50A.

Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
99221	W	8:00AM-10:05AM	0.25	D.Gritton	HW2106

Meets 6 weeks, 9/13-10/18.

Section	Days	Times	Units	Instructor	Room
99222	W	10:15AM-12:20PM	0.25	D.Gritton	HW2106

Meets 6 weeks, 9/13-10/18.

RT 51 Radiographic Positioning I

Presents routine and non-routine radiographic positioning and related anatomy of the chest, abdomen, upper and lower limbs, including basic radiographic terminology and topographic landmarks related to positioning. Prerequisite: Acceptance to the Cabrillo College Radiologic Technology Program. Co-requisite: RT 51L.

Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
99223	M	12:15PM-2:20PM	2.00	A.Smeltzer	HW2105

RT 51L Positioning Laboratory I

Applied radiographic positioning principles, with focus on radiographic examination procedures of the chest, abdomen, upper and lower extremities. Structured, individual, and group instruction is accompanied by laboratory demonstration by the instructor. Prerequisite: Acceptance to the Cabrillo College Radiologic Technology Program. Co-requisite: RT 51.

Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
99224	W	2:35PM-5:40PM	1.00	A.Smeltzer	HW2106
99225	M	2:30PM-5:35PM	1.00	A.Smeltzer	HW2106

RT 52 Radiation Physics

Provides a basic understanding of the physics underlying the properties and production of x-rays and interaction with matter. Prerequisite: Acceptance to the Cabrillo College Radiologic Technology Program.

Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
99226	M	8:00AM-10:05AM	2.00	C.Luna	HW2105

RT 53AL Introduction to Radiologic Technology Laboratory/Clinic I

Applies classroom theory (RT 50, 51) and laboratory practice (RT 50L, 51L) in the clinical setting under direct supervision. The student optimally positions patients, while using safe patient care and radiation protection procedures and learns imaging department organization and procedures. Prerequisite: Selection to the Cabrillo College Radiologic Technology Program.

Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
99227	TTH	8:00AM-4:55PM	5.50	C.Luna	HOSPTEL

Materials fee \$65.

RT 54 Radiographic Image Assessment

Provides a foundation for evaluating all radiographic images by outlining technical and digital imaging concepts. Prerequisite: RT 60
Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
99883	TH	9:00AM-9:50AM	1.00	C.Luna	HW2105

RT 63AL Advanced Positioning Lab/Clinic IV

Applies classroom and lab theory from previous didactic courses to clinical education under indirect/direct supervision, with participation in all facets of the radiologic technologist job performance. Prerequisite: RT 53CL.
Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
99228	MWF	8:00AM-5:00PM	8.00	C.Luna	HOSP TL

RT 70 Principles of Fluoroscopy

Provides an overview of the State of California Fluoroscopy regulations in preparation for the state certification exam. Prerequisite: ARRT/CRT License or 2nd year Radiologic Technology Student. Co-requisite: RT 70L.
Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
99229	T	1:20PM-3:25PM	1.00	C.Luna	HW2105

Meets 8 weeks, 8/29-10/17.

RT 70L Applied Principles of Fluoroscopy Imaging II

Teaches manipulation of mobile and stationary fluoroscopy equipment, QA/QC procedures, selection of parameters and accessories that are selected to minimize radiation dose and maximize image quality. Prerequisite: ARRT/CRT License or 2nd year Radiologic Technology Student. Co-requisite: RT 70.
Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
99230	T	10:00AM-1:10PM	0.50	C.Luna	HW2106

Meets 8 weeks 8/29-10/17.

Section	Days	Times	Units	Instructor	Room
99231	T	4:30PM-7:40PM	0.50	D.Nist	HW2106

Meets 8 weeks 8/29-10/17.

RT 71 Radiographic Positioning III

Teaches Part III of the radiographic positioning course sequence including the cranium, facial bones, paranasal sinuses, pediatric radiography, and legal aspects of elder and child abuse. Prerequisite: RT 61. Co-requisite: RT 71L.
Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
99232	TH	10:00AM-12:05PM	2.00	A.Smeltzer	HW2105

RT 71L Positioning Laboratory III

Applies Part III of the radiographic positioning course sequence, including the cranium, facial bones, mandible with joints and paranasal sinuses. Prerequisite: RT 61. Co-requisite: RT 71.
Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
99233	TH	12:10PM-3:15PM	1.00	A.Smeltzer	HW2106

Section	Days	Times	Units	Instructor	Room
99234	TH	3:25PM-6:30PM	1.00	A.Smeltzer	HW2106

RT 73 Medical Imaging Pathology

Surveys pathologies and etiological considerations with emphasis on radiographic appearance of disease and impact on exposure factor selection. Prerequisite: RT 61.
Transfer Credit: Transfers to CSU

Section	Days	Times	Units	Instructor	Room
99235	T	3:35PM-4:25PM	1.00	D.Nist	HW2105

RT 175 Advanced Patient Care: Venipuncture for Radiographers

Basic instruction and practice of venipuncture methods/procedures for the administration of contrast agents. Routes of administration, safety, basic pharmacology, dosage calculations, and emergency procedures. Prerequisites: RT 61 or ARRT or CRT license and CPR/Healthcare provider certification.

Section	Days	Times	Units	Instructor	Room
99216	T	5:30PM-6:35PM	0.50	D.Nist	HW2105
&	T	6:45PM-7:50PM		.Staff	HW2106

Meets 8 weeks 10/24-12/12.

RT 189A Sectional Anatomy

Teaches sectional human anatomy for health care professionals. Emphasis on transverse, coronal, and sagittal planes as related to sonography, computerized tomography and magnetic resonance imaging. May be offered in a Distance-Learning Format. Prerequisite: BIO 4. Co-Requisite: RT 189AL.

Section	Days	Times	Units	Instructor	Room
99217	M	5:30PM-6:20PM	1.00	.Staff	HW2105

RT 189AL Sectional Anatomy Laboratory

Applied sectional human anatomy laboratory with practical application of the content and theories of RT 189A. Presents case studies utilizing various imaging modalities. May be offered in a Distance-Learning Format. Co-requisite: RT 189A

Section	Days	Times	Units	Instructor	Room
99218	M	6:30PM-7:50PM	0.50	.Staff	HW2105