

# \*COURSE SLO STATEMENTS REPORT\*

ECC - RADIOLOGIC TECHNOLOGY

Course ID	Course Name	Course SLO Title	Course SLO Statement	Course SLO Status	Input Date
ECC: MEDT 1	Medical Terminology	SLO #1 Formulate	Students will formulate medical terms by properly arranging prefixes, suffixes, word roots and combining forms.	Active	11/08/2013
ECC: MEDT 1	Medical Terminology	SLO #2 Identify Terms	Students will identify medical terms as relates to the body systems, including Greek and Latin terms.	Active	11/08/2013
ECC: MEDT 1	Medical Terminology	SLO #3 Abbreviations	Students will list appropriate medical abbreviations and their usage.	Active	11/08/2013
ECC: RTEC 104	Clinical Education 1	SLO #1 Body Mechanic	Students will demonstrate correct principles of body mechanics in the clinical setting.	Active	11/08/2013
ECC: RTEC 104	Clinical Education 1	SLO #2 Equipment	Use Clinically Students will demonstrate the proper use of radiographic equipment in the clinical setting	Active	11/08/2013
ECC: RTEC 104	Clinical Education 1	SLO #3 Ethical Behavior	Students will demonstrate ethical behavior with patients, self and others.	Active	11/08/2013
ECC: RTEC 106	Clinical Experience 1	SLO #01 IR Sizes (INACTIVE)	Students will identify various types and sizes of image receptors and detectors.	Inactive	11/08/2013
ECC: RTEC 106	Clinical Experience 1	SLO #1 Technique Factors	Students will demonstrate the ability to select appropriate technical factors for beginning radiologic exams.	Active	10/30/2017
ECC: RTEC 106	Clinical Experience 1	SLO #2 Radiation Safety Basics	Student will demonstrate knowledge of radiation protection and application of these principles to patients, self and staff.	Active	11/08/2013
ECC: RTEC 106	Clinical Experience 1	SLO #3 Transporting Patients	Students demonstrate the proper transporting technique via wheelchair and gurney.	Active	11/08/2013
ECC: RTEC 107	Clinical Experience 2	SLO #1 Universal Precautions	Students will demonstrate the proper use of protective devices for patient safety during the radiographic procedures.	Active	11/08/2013
ECC: RTEC 107	Clinical Experience 2	SLO #2 Upper Extremity Techniques	Students will identify appropriate exposure factors on a control panel for upper extremities.	Active	11/08/2013
ECC: RTEC 107	Clinical Experience 2	SLO #3 Infection Control Methods	Students will apply basic infection control methods.	Active	11/08/2013
ECC: RTEC 109	Clinical Experience 3	SLO #1 Contrast Routes	Students will identify the routes of administering contrast media for fluoroscopic examinations.	Active	11/08/2013
ECC: RTEC 109	Clinical Experience 3	SLO #2 Patient Care	Students will apply patient care principles while positioning patients for radiographic examinations	Active	11/08/2013
ECC: RTEC 109	Clinical Experience 3	SLO #3 Radiation Safety Beginning	Students will apply radiation safety principles on patients, self, and other members of the health care team.	Active	11/08/2013
ECC: RTEC 111	Fundamentals Rad Tech I	SLO #1 Exposure Factors	Students will evaluate how exposure factors selected by the technologist can affect radiographic quality, density and contrast on a radiographic image.	Active	11/29/2013
ECC: RTEC 111	Fundamentals Rad Tech I	SLO #2 Control of Scatter	Students will assess various methods to control scatter radiation.	Active	11/29/2013
ECC: RTEC 111	Fundamentals Rad Tech I	SLO #3 Equipment Manipulations	Students will analyze radiographic images for diagnostic quality contrast, density and recorded detail. The student will be able to make appropriate adjustments of the x-ray equipment to correct any errors with the image	Active	11/29/2013

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ECC: RTEC 123	Radiographic Positioning 1A	SLO #1 Radiation Safety & Shielding	Students will apply radiation safety by using appropriate shielding with a lead apron during an on campus simulated lab evaluation. Students will be able to analyze radiographic images for diagnostic quality contrast, density and recorded detail. The student will be able to make appropriate adjustments of the x-ray equipment to correct any errors with the image.	Active	11/08/2013
ECC: RTEC 123	Radiographic Positioning 1A	SLO #2 Radiographic Positioning	Students demonstrate correct positioning of patients for quality radiographic exams of the Chest, Upper and Lower Extremities.	Active	11/08/2013
ECC: RTEC 123	Radiographic Positioning 1A	SLO #3 Patient Communication	Students will demonstrate effective communication skills with patients, self and others.	Active	11/08/2013
ECC: RTEC 124	Radiographic Positioning 1B	SLO #1 ALARA & Shielding	Students will apply ALARA principles of radiation safety by assessing patient risk to radiation exposure during a radiographic exam, and appropriately shield the patient during the simulated positioning lab evaluation.	Active	11/08/2013
ECC: RTEC 124	Radiographic Positioning 1B	SLO #2 Radiographic Positioning	Students will demonstrate correct positioning of patients for quality radiographic exams of the Abdomen, Thorax, Pelvis, Spine and Radiographic Contrast studies to include: BE, UGI, IVP, Cystography and ERCP.	Active	11/08/2013
ECC: RTEC 124	Radiographic Positioning 1B	SLO #3 Modification for Patient Condition	Students will assess patient's condition and pathology, and then make appropriate modifications to the procedures based on their condition.	Active	11/08/2013
ECC: RTEC 216	Clinical Education 2	SLO #1 Trauma and ER	Students will revise methods of performing a radiographic examination for trauma and emergency room patients.	Active	11/08/2013
ECC: RTEC 216	Clinical Education 2	SLO #2 Radiographic Analysis	Students will evaluate radiographic images and make appropriate changes when necessary.	Active	11/08/2013
ECC: RTEC 216	Clinical Education 2	SLO #3 Radiation Protection	Students will apply ALARA (as low as reasonably achievable) radiation safety principles on patients, self and other members of the health care team.	Active	11/08/2013
ECC: RTEC 217	Clinical Experience 4	SLO #01 Low Exposure (INACTIVE)	Students will employ the lowest radiation exposure possible to produce quality diagnostic images.	Inactive	11/08/2013
ECC: RTEC 217	Clinical Experience 4	SLO #1 Quality Factors	Students will use proper (high kVP, low mAs) technique factors to produce high quality diagnostic images.	Active	10/30/2017
ECC: RTEC 217	Clinical Experience 4	SLO #2 Infection Control	Students will demonstrate proper protocols for infection control.	Active	11/08/2013
ECC: RTEC 217	Clinical Experience 4	SLO #3 Cardinal Rules	Students will apply the cardinal rules of radiation safety principles on patients, self and others.	Active	11/08/2013
ECC: RTEC 218	Clinical Experience 5	SLO #1 Adaptation in Clinical	Students will adapt to changes in varying clinical situations.	Active	11/08/2013
ECC: RTEC 218	Clinical Experience 5	SLO #2 Contrast Precautions	Students will compare and contrast the precautions, use and handling associated with contrast agents.	Active	11/08/2013
ECC: RTEC 218	Clinical Experience 5	SLO #3 ALARA	Students will apply ALARA radiation safety principles on patients, self and others *ALARA = As Low As Reasonably Achievable	Active	11/08/2013
ECC: RTEC 220	Clinical Experience 6	SLO #1 Effective Communication	Students will demonstrate effective communication in written, oral and non-verbal communication with patients, family and hospital	Active	11/08/2013
ECC: RTEC 220	Clinical Experience 6	SLO #2 Radiation Safety Advanced	Students will apply ALARA (as low as reasonably achievable) radiation	Active	11/08/2013

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ECC: RTEC 220	Clinical Experience 6	SLO #2 Radiation Safety Advanced	safety principles on patients, self and other members of health care team.	Active	11/08/2013
ECC: RTEC 220	Clinical Experience 6	SLO #3 Adapt to PT Condition	Students will assess patient's condition and make appropriate modifications to the examination based on their condition.	Active	11/08/2013
ECC: RTEC 233	Radiographic Positioning 2	SLO #1 Radiographic Skull Positioning	Students will demonstrate positioning a patient in the various positions needed to produce diagnostic quality radiographs in skull imaging.	Active	11/08/2013
ECC: RTEC 233	Radiographic Positioning 2	SLO #2 Radiographic Skull Image Evaluation	Students will analyze radiographic images of the skull, recognize and identify any errors and accurately correct for the positioning errors.	Active	11/08/2013
ECC: RTEC 233	Radiographic Positioning 2	SLO #3 Radiographic Skull Anatomy and Positioning	Students will analyze cranial anatomy and how it relates to proper positioning of the skull during radiographic exams.	Active	11/08/2013
ECC: RTEC 244	Radiation Physics, Equipment, and Safety	SLO #1 Comparing Techniques for Imaging Systems	The student will formulate radiographic techniques and compare exposure differences for 3 radiographic examination (Ex: chest, lumbar spine and knee), using digital and film screen imaging systems.	Active	11/08/2013
ECC: RTEC 244	Radiation Physics, Equipment, and Safety	SLO #2 Patient Dose and Techniques	The student will calculate the radiation exposure levels to the patient for 3 types of imaging systems (film screen, DR and CR) and compare and contrast the relationship of the imaging systems to patient dose.	Active	11/08/2013
ECC: RTEC 244	Radiation Physics, Equipment, and Safety	SLO #3 Biologic Effect of Radiation Exposure	Students will describe the acceptable radiation dose limits for patients and radiation workers, and then analyze the biologic effects to humans that receive an overexposure.	Active	11/08/2013
ECC: RTEC 255	Advanced Imaging and Special Procedures	SLO #1 Radiographic Special Procedures	Students will analyze Radiographic Special Procedures and new trends in imaging modalities. Students will be able to research, write and give an oral presentation on a topic relating to "Special Imaging Modality" and new trends in imaging.	Active	11/08/2013
ECC: RTEC 255	Advanced Imaging and Special Procedures	SLO #2 Communication Skills	Students will demonstrate effective communication skills related to the imaging modalities and equipment used for Radiographic Special Procedures.	Active	11/08/2013
ECC: RTEC 255	Advanced Imaging and Special Procedures	SLO #3 Radiographic Quality Assurance	Students will describe the purpose of Radiographic Quality Assurance and Quality Control and relate how it affects patient care.	Active	11/08/2013
ECC: RTEC 328	Clinical Experience 7	SLO #1 Professionalism	The Student will demonstrate professionalism with patients, self and others	Active	11/08/2013
ECC: RTEC 328	Clinical Experience 7	SLO #2 Problem Solving for Image Critique	Students will evaluate radiographic images and make appropriate changes when necessary to produce quality diagnostic images.	Active	11/08/2013
ECC: RTEC 328	Clinical Experience 7	SLO #3 Radiographic Techniques	Students will employ radiographic techniques that produce quality diagnostic images using the lowest patient dose while maintaining good ALARA (as low as reasonably achievable) radiation safety principles on patients.	Active	11/08/2013
ECC: RTEC 91	Radiographic Pathology	SLO #1 Pathogenesis and Etiology	Students will recall the pathogenesis and etiology of diseases commonly diagnosed with medical imaging.	Active	11/08/2013
ECC: RTEC 91	Radiographic Pathology	SLO #2 Pathology Terminology	Students will define common terminology associated with the study of disease.	Active	11/08/2013
ECC: RTEC 91	Radiographic Pathology	SLO #3 Pathology Identification	Students will identify pathologies that are common to the various body	Active	11/08/2013

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ECC: RTEC 91	Radiographic Pathology	SLO #3 Pathology Identification	systems.	Active	11/08/2013
ECC: RTEC 93	Venipuncture and Pharmacolgy for the Radiologic Technologist	SLO #1 Contrast Media Reaction	The student will analyze the current medical history of the patient and assess the safety of the patient to receive a contrast media injection and their risk level for an adverse reaction.	Active	11/08/2013
ECC: RTEC 93	Venipuncture and Pharmacolgy for the Radiologic Technologist	SLO #2 Contrast Dose Calculations	Students will formulate contrast dose calculations for adult and pediatric patients	Active	11/08/2013
ECC: RTEC 93	Venipuncture and Pharmacolgy for the Radiologic Technologist	SLO #3 Proper Vein Locations	Students will locate the common veins and sites of injection for a venipuncture injection of contrast media by demonstrating a “flash back” with a butterfly and angio catheter needle	Active	11/08/2013
ECC: RTEC A	Introduction to Radiologic Technology	SLO #1 Radiographic Protection	Students will analyze different methods to reduce radiation dose to the patient in the radiology department.	Active	11/08/2013
ECC: RTEC A	Introduction to Radiologic Technology	SLO #2 Radiographic Quality	Students will explain the concepts of contrast and density of a radiograph.	Active	05/06/2013
ECC: RTEC A	Introduction to Radiologic Technology	SLO #3 Radiation in Matter	Students will differentiate between the 5 photon interactions in matter by describing the origin of the interaction and its effect on the body.	Active	11/08/2013