

Outcomes Assessment Plan
Cañada College
Radiologic Technology Program
Fall 2021 - Spring 2022 - Summer 2022 – Fall 2022
(Observing classes of 2022 and 2023)

Goal 1: Students will be clinically competent.					
Outcome	Measurement Tool	Benchmark	Timeframe	Responsible Party	Results
Students will apply positioning skills.	RADT 420. Lab Practical Rating Form (Questions 2)	Average score of 12 or higher. (15 point scale)	1 st Year – Spring Semester (2022) (class of 2023)	Laboratory Instructor	Avg=13.1 H=15 L=7
	Clinical Coordinator Observation Form (Question 11 and 12) – Random Sampling of three observation per student	Average score of 3.6 or higher (4 point scale)	2 nd Year – Spring Semester (Class of 2022)	Clinical Coordinators	11=3.7 average 12=3.6 3.8 high score 3.1 low score Note: there are two observations done in the semester.
	Clinical Competency Rating Form. (Questions 7 and 17) Random Sampling of three forms	85% will pass these two sections. (Pass or Fail rating)	2 nd year – Spring semester (Class of 2022)	Clinical Coordinator	100% pass
Student will select appropriate technical factors	RADT 430. Principles of Radiation Exposure. Exam 4.	Average score of 80% or higher	1 st Year – Spring Semester (Spring 2022) (Class of 2023)	Course Instructor	Average. 79% High score: 98% Low score: 67%

			(Class of 2023)		
	Clinical Coordinator Observation Form (Question 12) – Random Sampling of six observation per student	Average score of 3.6 or higher (2.8 – 4 scale)	2 nd Year. Summer Intersession (Summer 2022) (Class of 2022)	Clinical Coordinator	Average=3.6 Note- one observation is done during the summer session.
Students will practice radiation protection.					
	RADT 420. Lab Practical Rating Form. (Questions 4 and 5)	Average score of 11 or higher (14 points possible) Quest 4 = 6 points Quest 5 = 8 points	1 st Year. Spring (Spring 2022) (class of 2023)	Laboratory Instructor	Avg=12.4 H=14 L=8
	RADT 415. Radiation Protection and Biology. Exam 4.	Average score of 80% or higher.	1 st Year. Spring Semester. (Spring 2022) (class of 2023)	Course Instructor	Average. 85% High score: 98% Low score: 78%
	Clinical Coordinator Observation Form. Questions 16, 17.	Average score of 3.6 or higher (2.6 – 4 scale)	1 st year. Fall Semester (Fall 2021) (class of 2023)	Clinical Coordinator	Data taken from RADT 428 (first clinical semester final) 16=3.8 (high 4/low 3.5) 17=3.7 (high 3.8/low 3.5)

Goal #2 : Students will communicate effectively.					
Outcome	Measurement Tool	Benchmark	Timeframe	Responsible Party	Results
Students will use effective oral communication skills with clinical staff.	Personal and professional Growth Assessment Form. Midterm Eval. 1-Professionalism Sections (b, c, e, f and j)	Average of 3.6 (Scale from 2.6 to 4)	1 st Year Fall Semester (Fall 2021) (class of 2023)	Clinical Instructor	Average= b=3.7 H=4/L=3.1 c=3.6 H=3.8/L=3.1 e=3.8 H=4/L=3.5 f=3.5 H=4/L=3.1 j=3.5 H=4/L=3.1
Students will use effective oral communication skills with patients	Personal and professional Growth Assessment Form. Protection, Safety and comfort of patients Section (f and g)	Average of 3.6 (Scale from 2.6 to 4)	1 st Year. Fall Semester (Fall 2021) (class of 2023)	Clinical Instructor	Average f=3.5 H=3/L=3.5.8 g=3.7 H=4/L=3.5
	Clinical Competency Rating Form. Sections 16 and 19	85% will pass these two sections. (Pass or Fail)	2 nd year. Fall semester (Fall 2021) (Class of 2022)	Clinical Instructor	100% pass

	RADT 410. Laboratory Practical Rating Form. Question 1	80% of our students will be successful in this skill. Average of 4 points (Scale from 1 – 6)	1 st year Fall Semester (Fall 2021) (class of 2023)	Laboratory Instructor	100% scored 4 points or higher
Students will practice written communication skills.	RADT 440. Advance Imaging Modalities. Students write a research paper on the Radiographic subspecialty of their choice	80% or higher. Utilizing scoring rubric. Based on scale from 1 to 100	2 nd Year. Fall Semester (Fall 2021) (Class of 2022)	Class Instructor	Avg = 97% High score = 100% Low score = 84% 100% of the class scored 80% or higher
	RADT 442. Radiographic Pathology. Students write a research paper on a pathology of their interest. Rubric categories Content #2 and #3 and Mechanics #1-#4	80% or higher. Utilizing scoring rubric. Based on scale from 1 to 100	2 nd Year. Spring Semester (Spring 2022) (Class of 2022)	Class Instructor	Average score 90.4 Hi Score: 97 Low Score: 80

Goal #3: Students will use critical thinking and problem solving skills.					
Outcome	Measurement Tool	Benchmark	Timeframe	Responsible Party	Results
Students will manipulate technical factors for non-routine examinations.	Clinical Coordinator Observation Form (Question 8)- Random Sampling of three observation per student	Average score of 3.6 or higher (2.6 – 4 scale)	2 nd Year. Spring semester (Spring 2022) (Class of 2022)	Clinical Coordinator	Average=3.7 H=4 L=3.1 Note: 2 observations are performed during the semester
	Critique Form for Exam with Modify Projections due to patient's condition. Section Technical Factors	Average score of 7.2 or higher (1 – 9 scale)	2 nd Year. Spring semester (Spring 2022) (Class of 2022)	Clinical Coordinator	Avg=3.7 H=9 L=5.5
	Critique Form for Exam in the OR	Average score of 7.2 or higher (1 – 9 scale)	2 nd Year. Spring semester (Spring 2022) (Class of 2022)	Clinical Coordinator	Avg=9
Students will adapt positioning for trauma patients.	RADT 440. Advance Imaging Modalities. Exam #1	Average score 80% or higher (100% scale)	2 nd Year. Fall Semester (Fall 2021) (Class of 2022)	Course Instructor	Avg = 84% High score = 98% Low score = 64%
	RADT 420. Laboratory Practical -Trauma situations	Average score of 12 or higher. (15 point scale)	1 st Year Spring Semester (Spring 2021)	Laboratory Instructor	Avg=13.3 H=15 L=10

			(class of 2022)		

Goal #4: Students will understand the importance of professional growth and development.					
Outcome	Measurement Tool	Benchmark	Timeframe	Responsible Party	Results
Students will determine the importance of continued professional development.	RADT. 468 Specialty Rotation Students write a research paper on the importance of professional development.	Benchmark 3.5 Scale from 0 - 4	At the conclusion of the specialty rotation (Summer 2022) (Class of 2022)	Clinical Coordinator	Avg=3.8 H=4 L=3.5
	RADT 440. Student Survey after interviewing 3 Technologist working in advance modalities	Benchmark = 7 Scale of 0 - 10	2 nd year Fall Semester (Fall 2021) (Class of 2022)	Course Instructor	Average 9.3
Students will summarize the importance of attendance at professional meetings.					
	Survey evaluation of the importance of CSRT conference	Benchmark = 3 Scale of 0 - 5	2 nd year Fall Semester (Fall 2021) (Class of 2022)	Program Director	

Goal #5: The program will graduate entry-level technologists.					
Outcome	Measurement Tool	Benchmark	Timeframe	Responsible Party	Results
Students will pass the ARRT national certification on the 1 st attempt.	ARRT 1st Time Pass Rates	90% or higher	4 months after graduation. (Class of 2022)	Program Director	71%
Of those pursuing employment, students will be gainfully employed within 12 months post-graduation. Effective on 1/1/2014 the JRCERT job placement is to be evaluated after 12 months.	Graduate Survey	80% or higher	12 months after graduation (Class of 2022)	Program Director	82%
Students will complete the program within 150% of the program's length of 25 months.	Retention Rate	85% or higher	Upon graduation (Class of 2022)	Program Director	100%
Students will be satisfied with their education.	Graduate Survey	85% or higher will be satisfy.	12 months after graduation (Class of 2022)	Program Director	91%
Employers will be satisfied with the graduate's performance	Employer Survey (Phone Survey)	85% or higher	12 months after graduation (Class of 2022)	Program Director	

SEMESTER	CLASS	2021	2022	2023
First	RADT 428*	SP 20	SP 21	SP 22
Second	RADT 438*	SU 20	SU 21	SU 22
Third	RADT 418*	FA 20	FA 21	FA 22
Fourth	RADT 448	SP 21	SP 22	SP 23
Fifth	RADT 468*	SU 21	SU 22	SU 23
Sixth	RADT 458*	FA 21	FA 22	FA 23

*** These courses were altered due to the Covid 19- pandemic.**

i.e. RADT 428 is normally a second semester course but was converted to a first semester first rotation.