

Outcomes Assessment Plan
Cañada College
Radiologic Technology Program
Fall 2016 - Spring 2017 - Summer 2017

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 (2017) (class of 2018)	Laboratory Instructor	12.4 points average 15 points high score 7 points low score
	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 2017)	Clinical Coordinators	#9 – 3.8 pts average 4.0 high score 3.5 low score #10 – 4% average 4% high score 4% low score
	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 2017)	Clinical Coordinator	#7 – 100% passing #17 – 100% passing
Student will select appropriate technical factors	RADT 430. Principles of Radiation Exposure. Exam 4 and 5	Average score of 80% or higher	1 st Year – Spring Semester (Spring 2017)	Course Instructor	Exam 4: (2017) 87.27% Average score 100% Highest score 62.8% Lowest score

			(Class of 2018)		15 % of the class score less than 80% Exam 5: (2017) 90.93% Average score 100% Highest score 79.07% Lowest score 5% of the class score less than 80%
	Radiographic Image Evaluation Form (Section Technical Factors) – Random Sampling of three evaluations per student	Average score of 6 or higher (8 point scale)	1 st Year – Summer Intersession (Summer 2017) (class of 2018)	Clinical Coordinator	8 pts. average score 8 pts. highest score 8 pts. lowest score
	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 2017) (Class of 2017)	Clinical Coordinator	3.6 points average score 4 pts. high score 3.1 pts. low score
Students will practice radiation protection.	RADT 420. Lab Practical Rating Form. (Questions 4 and 5)	Average score of 11 or higher (14 points possible)	1 st Year. Spring (Spring 2017) (class of 2018)	Laboratory Instructor	13 pts. average 14 pts. high score 10 pts. low score

	RADT 415. Radiation Protection and Biology. Exam 4.	Average score of 80% or higher.	1 st Year. Spring Semester. (Spring 2017) (class of 2018)	Course Instructor	91.19% Average score 100% Highest score 88.1% Lowest score
	Radiographic Image Evaluation Form. Radiation Protection Section. Sampling of two forms per student	Average of 12 or higher (16 point maximum)	2 nd Year. Spring Semester (Class of 2017)	Clinical coordinator	14.90 pts. average score 16 pts. high score 13 pts. low score
	Clinical Coordinator Observation Form. Questions 16, 17.	Average score of 3.6 or higher (2.6 – 4 scale)	1 st year. Fall Semester (Fall 2016) (class of 2018)	Clinical Coordinator	3.83 pts average score 4.0 pts high score 3.5 pts low score

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 2016) Note: This class will be assessed in the fall semester of their second year to	Clinical Instructor	B – 3.45 pts average 4.0 pts. high score 3.1 pts. low score C – 3.36 pts average 4.0 pts. high score 2.6 pts. low score

			determine whether or not students are maintaining this level of proficiency. (class of 2018)		E – 3.45 pts average 4.0 pts. high score 2.6 pts. low score F – 3.5 pts average 4.0 pts. high score 3.1 pts. low score J – 3.5 pts average 4.0 pts. high score 3.1 pts. low score
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 2016) (class of 2018)	Clinical Instructor	F – 3.66 pts average 4.0 pts. high score 3.5 pts. low score G – 3.66 pts average 4.0 pts. high score 3.5 pts. low score
	Clinical Competency Rating Form. Sections 16 and 19	85% will pass these two sections. (Pass or Fail)	2 nd year. Fall semester (Fall 2016) (Class of 2017)	Clinical Instructor	16. 100% passing 19. 100% passing

	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 2016) (class of 2018)	Laboratory Instructor	92% score higher than 4 points. 8% score lower than 4 points.
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 2016) (Class of 2017)	Class Instructor	<u>89% scored higher than 80%.</u> <u>89.8% average</u> 74% lowest 100% highest
	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	Total score of 18 or higher on combined sections. For the 6 areas a 3 or higher, utilizing scoring rubric, based on a scale of 2 (does not meet expectations) to 4 (exceeds expectations)	2 nd Year. Spring Semester (Spring 2017) (Class of 2017)	Class Instructor	Highest Score: 100% Lowest Score: 93% Average: 98%

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 2017) (Class of 2017)	Clinical Coordinator	<u>3.75 pts. Average</u> <u>4.0 high score</u> <u>3.5 low score</u>
	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 2017) (Class of 2017)	Clinical Coordinator	<u>9 pts. average</u>
	Critique Form for Exam in the OR	Average score of 7.2 or higher (1 – 9 scale)	2 nd Year. Spring semester (Spring 2017) (Class of 2017)	Clinical Coordinator	<u>8.5. pts average</u> <u>9 pts. high score</u> <u>8 pts. low score</u>
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 2016) (Class of 2017)	Course Instructor	High score 91.1% Low score 65.6% Average 82.7%
	RADT 420. Laboratory Practical -Trauma situations	Average score of 12 or higher. (15 point scale)	1 st Year Spring Semester (Spring 2016)	Laboratory Instructor	<u>12.4 points average</u> <u>15 points high score</u> <u>10 points low score</u>

			(class of 2017)		

Goal #4: Students will evaluate 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 10. Scale from 0 - 12	At the conclusion of the specialty rotation (Summer 2017) (Class of 2017)	Clinical Coordinator	Met Average 11.75 Scale 0 - 12
	RADT 440. Student Survey after interviewing 3 Technologist working in advance modalities	Benchmark = 7 Scale of 0 - 10	2 nd year Fall Semester (Fall 2016) (Class of 2017)	Course Instructor	Met Average 8.5 in scale 0 -10
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 2016) (Class of 2017)	Program Director	Met Average 4.0 in scale 0 - 5

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 2016)	Program Director	100%
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 2016)	Program Director	100%.
Students will complete the program within 25 months.	Retention Rate	85% or higher	Upon graduation (Class of 2016)	Program Director	85% retention rate.
Students will be satisfied with their education.	Graduate Survey	85% or higher will be satisfy.	12 months after graduation (Class of 2016)	Program Director	100%
Employers will be satisfied with the graduate's performance	Employer Survey (Phone Survey)	85% or higher	12 months after graduation (Class of 2016)	Program Director	94%