

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

<b>Goal 1: Students will be clinically competent.</b>					
<b>Outcome</b>	<b>Measurement Tool</b>	<b>Benchmark</b>	<b>Timeframe</b>	<b>Responsible Party</b>	<b>Results</b>
Students will apply positioning skills.	<b>RADT 420. Lab Practical Rating Form</b> <b>(Questions 2)</b>	Average score of 12 or higher. (15 point scale)	1 <sup>st</sup> Year – Spring Semester (2017)  <b>(class of 2018)</b>	Laboratory Instructor	<b>12.4 points average</b> <b>15 points high score</b> <b>7 points low score</b>
	<b>Clinical Coordinator Observation Form</b> <b>(Question 11 and 12)</b> – Random Sampling of three observation per student	Average score of 3.6 or higher (4 point scale)	2 <sup>nd</sup> Year – Spring Semester  <b>(Class of 2017)</b>	Clinical Coordinators	<b>#9 – 3.8 pts average</b> <b>4.0 high score</b> <b>3.5 low score</b> <b>#10 – 4% average</b> <b>4% high score</b> <b>4% low score</b>
	<b>Clinical Competency Rating Form.</b> (Questions 7 and 17) Random Sampling of three forms	85% will pass these two sections. (Pass or Fail rating)	2 <sup>nd</sup> year – Spring semester  <b>(Class of 2017)</b>	Clinical Coordinator	<b>#7 – 100% passing</b> <b>#17 – 100% passing</b>
Student will select appropriate technical factors	<b>RADT 430.</b> Principles of Radiation Exposure. Exam 4 and 5	Average score of 80% or higher	1 <sup>st</sup> Year – Spring Semester  (Spring 2017)	Course Instructor	<b>Exam 4: (2017)</b> <b>87.27% Average score</b> <b>100% Highest score</b> <b>62.8% Lowest score</b>

					<b>15 % of the class score less than 80%</b>  <b>Exam 5: (2017)</b> <b>90.93% Average score</b> <b>100% Highest score</b> <b>79.07% Lowest score</b> <b>5% of the class score less than 80%</b>
	<b>Radiographic Image Evaluation Form</b> (Section Technical Factors) – Random Sampling of three evaluations per student	Average score of 6 or higher (8 point scale)	1 <sup>st</sup> Year – Summer Intersession (Summer 2017)  <b>(class of 2018)</b>	Clinical Coordinator	<u><b>8 pts. average score</b></u> <b>8 pts. highest score</b> <b>8 pts. lowest score</b>
	<b>Clinical Coordinator Observation Form</b> (Question 12) – Random Sampling of six observation per student	Average score of 3.6 or higher ( 2.8 – 4 scale)	2 <sup>nd</sup> Year. Summer Intersession (Summer 2017)  <b>(Class of 2017)</b>	Clinical Coordinator	<u><b>3.6 points average score</b></u> <b>4 pts. high score</b> <b>3.1 pts. low score</b>
Students will practice radiation protection.	<b>RADT 420. Lab Practical Rating Form. (Questions 4 and 5)</b>	Average score of 11 or higher (14 points possible)	1 <sup>st</sup> Year. Spring <b>(Spring 2017)</b>  <b>(class of 2018)</b>	Laboratory Instructor	<u><b>13 pts. average</b></u> <b>14 pts. high score</b> <b>10 pts. low score</b>

	<b>RADT 415.</b> Radiation Protection and Biology. Exam 4.	Average score of 80% or higher.	1 <sup>st</sup> Year. Spring Semester.  (Spring 2017)  (class of 2018)	Course Instructor	<b>91.19% Average score</b> <b>100% Highest score</b> <b>88.1% Lowest score</b>
	<b>Radiographic Image Evaluation Form.</b> Radiation Protection Section. Sampling of two forms per student	Average of 12 or higher (16 point maximum)	2 <sup>nd</sup> Year. Spring Semester  (Class of 2017)	Clinical coordinator	<b>14.90 pts. average score</b> <b>16 pts. high score</b> <b>13 pts. low score</b>
	<b>Clinical Coordinator Observation Form.</b> Questions 16, 17.	Average score of 3.6 or higher ( 2.6 – 4 scale)	1 <sup>st</sup> year. Fall Semester (Fall 2016)  (class of 2018)	Clinical Coordinator	<b>3.83 pts average score</b> <b>4.0 pts high score</b> <b>3.5 pts low score</b>
<b>Goal #2 : Students will communicate effectively.</b>					
<b>Outcome</b>	<b>Measurement Tool</b>	<b>Benchmark</b>	<b>Timeframe</b>	<b>Responsible Party</b>	<b>Results</b>
Students will use effective oral communication skills with clinical staff.	<b>Personal and professional Growth Assessment Form. Midterm Eval.</b> 1-Professionalism Sections (b, c, e, f and j)	Average of 3.6 (Scale from 2.6 to 4)	1 <sup>st</sup> Year Fall Semester (Fall 2016)  Note: This class will be assessed in the fall semester of their second year to	Clinical Instructor	<b><u>B – 3.45 pts average</u></b> <b>4.0 pts. high score</b> <b>3.1 pts. low score</b>  <b><u>C – 3.36 pts average</u></b> <b>4.0 pts. high score</b> <b>2.6 pts. low score</b>

			determine whether or not students are maintaining this level of proficiency.  <b>(class of 2018)</b>		<b><u>E – 3.45 pts average</u></b> <b>4.0 pts. high score</b> <b>2.6 pts. low score</b>  <b><u>F – 3.5 pts average</u></b> <b>4.0 pts. high score</b> <b>3.1 pts. low score</b>  <b><u>J – 3.5 pts average</u></b> <b>4.0 pts. high score</b> <b>3.1 pts. low score</b>
Students will use effective oral communication skills with patients	<b>Personal and professional Growth Assessment Form.</b> Protection, Safety and comfort of patients Section (f and g)	Average of 3.6 (Scale from 2.6 to 4)	1 <sup>st</sup> Year. Fall Semester <b>(Fall 2016)</b>  <b>(class of 2018)</b>	Clinical Instructor	<b><u>F – 3.66 pts average</u></b> <b>4.0 pts. high score</b> <b>3.5 pts. low score</b>  <b><u>G – 3.66 pts average</u></b> <b>4.0 pts. high score</b> <b>3.5 pts. low score</b>
	<b>Clinical Competency Rating Form.</b> Sections 16 and 19	85% will pass these two sections.  (Pass or Fail)	2 <sup>nd</sup> year. Fall semester <b>(Fall 2016)</b>  <b>(Class of 2017)</b>	Clinical Instructor	<b><u>16. 100% passing</u></b>  <b>19. 100% passing</b>

	<b>RADT 410.</b> 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 <sup>st</sup> year Fall Semester <b>(Fall 2016)</b>  <b>(class of 2018)</b>	Laboratory Instructor	<b>92% score higher than 4 points.</b> <b>8% score lower than 4 points.</b>
Students will practice written communication skills.	<b>RADT 440. Advance Imaging Modalities.</b> 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 <sup>nd</sup> Year. Fall Semester  (Fall 2016)  <b>(Class of 2017)</b>	Class Instructor	<b><u>89% scored higher than 80%.</u></b>  <b><u>89.8% average</u></b> <b>74% lowest</b> <b>100% highest</b>
	<b>RADT 442. Radiographic Pathology.</b> 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 <sup>nd</sup> Year. Spring Semester  (Spring 2017)  <b>(Class of 2017)</b>	Class Instructor	<b>Highest Score: 100%</b> <b>Lowest Score: 93%</b> <b>Average: 98%</b>

<b>Goal #3: Students will use critical thinking and problem solving skills.</b>					
<b>Outcome</b>	<b>Measurement Tool</b>	<b>Benchmark</b>	<b>Timeframe</b>	<b>Responsible Party</b>	<b>Results</b>
Students will manipulate technical factors for non-routine examinations.	<b>Clinical Coordinator Observation Form</b> (Question 8)- Random Sampling of three observation per student	Average score of 3.6 or higher ( 2.6 – 4 scale)	2 <sup>nd</sup> Year. Spring semester (Spring 2017)  <b>(Class of 2017)</b>	Clinical Coordinator	<b><u>3.75 pts. Average</u></b> <b><u>4.0 high score</u></b> <b><u>3.5 low score</u></b>
	<b>Critique Form for Exam with Modify Projections</b> due to patient's condition. Section Technical Factors	Average score of 7.2 or higher (1 – 9 scale)	2 <sup>nd</sup> Year. Spring semester (Spring 2017)  <b>(Class of 2017)</b>	Clinical Coordinator	<b><u>9 pts. average</u></b>
	<b>Critique Form for Exam in the OR</b>	Average score of 7.2 or higher (1 – 9 scale)	2 <sup>nd</sup> Year. Spring semester ( Spring 2017)  <b>(Class of 2017)</b>	Clinical Coordinator	<b><u>8.5. pts average</u></b> <b><u>9 pts. high score</u></b> <b><u>8 pts. low score</u></b>
Students will adapt positioning for trauma patients.	<b>RADT 440. Advance Imaging Modalities. Exam #1</b>	Average score 80% or higher (100% scale)	2 <sup>nd</sup> Year. Fall Semester (Fall 2016)  <b>(Class of 2017)</b>	Course Instructor	<b><u>High score 91.1%</u></b> <b><u>Low score 65.6%</u></b> <b><u>Average 82.7%</u></b>
	<b>RADT 420. Laboratory Practical</b> -Trauma situations	Average score of 12 or higher. (15 point scale)	1 <sup>st</sup> Year Spring Semester (Spring 2016)	Laboratory Instructor	<b><u>12.4 points average</u></b> <b><u>15 points high score</u></b> <b><u>10 points low score</u></b>

			(class of 2017)		

<b>Goal #4: Students will evaluate the importance of professional growth and development.</b>					
<b>Outcome</b>	<b>Measurement Tool</b>	<b>Benchmark</b>	<b>Timeframe</b>	<b>Responsible Party</b>	<b>Results</b>
Students will determine the importance of continued professional development.	<b>RADT. 468 Specialty Rotation</b> 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)  <b>(Class of 2017)</b>	Clinical Coordinator	<b>Met</b> <b>Average 11.75</b> <b>Scale 0 - 12</b>
	<b>RADT 440. Student Survey</b> after interviewing 3 Technologist working in advance modalities	Benchmark = 7 Scale of 0 - 10	2 <sup>nd</sup> year Fall Semester  (Fall 2016)  <b>(Class of 2017)</b>	Course Instructor	<b>Met</b> <b>Average 8.5 in scale 0 -10</b>
Students will summarize the importance of attendance at professional meetings.					
	<b>Survey evaluation of the importance of CSRT conference</b>	Benchmark = 3 Scale of 0 - 5	2 <sup>nd</sup> year Fall Semester (Fall 2016)  <b>(Class of 2017)</b>	Program Director	<b>Met</b> <b>Average 4.0 in scale 0 - 5</b>



<b>Goal #5: The program will graduate entry-level technologists.</b>					
<b>Outcome</b>	<b>Measurement Tool</b>	<b>Benchmark</b>	<b>Timeframe</b>	<b>Responsible Party</b>	<b>Results</b>
Students will pass the ARRT national certification on the 1 <sup>st</sup> attempt.	<b>ARRT 1<sup>st</sup> Time Pass Rates</b>	90% or higher	<b>4 months after graduation.</b>  (Class of 2016)	Program Director	<b>100%</b>
Of those pursuing employment, students will be gainfully employed within 12 months post-graduation.  <b>Effective on 1/1/2014 the JRCERT job placement is to be evaluated after 12 months.</b>	<b>Graduate Survey</b>	80% or higher	<b>12 months after graduation</b>  (Class of 2016)	Program Director	<b>100%.</b>
Students will complete the program within 25 months.	<b>Retention Rate</b>	85% or higher	Upon graduation  (Class of 2016)	Program Director	<b>85% retention rate.</b>
Students will be satisfied with their education.	<b>Graduate Survey</b>	85% or higher will be satisfy.	12 months after graduation  (Class of 2016)	Program Director	<b>100%</b>
Employers will be satisfied with the graduate's performance	<b>Employer Survey (Phone Survey)</b>	85% or higher	<b>12 months after graduation</b>  (Class of 2016)	Program Director	<b>94%</b>