

Outcomes Assessment Plan
Cañada College
Radiologic Technology Program
Fall 2017 - Spring 2018 - Summer 2018

| Goal 1: Students will be clinically competent. | | | | | |
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| 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 (2018) (class of 2019) | Laboratory Instructor | <u>Average 14 pts.</u> |
| | 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 2018) | Clinical Coordinators | Question 11: 3.8 Avg. Question 12: 3.9 Avg. |
| | 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 2018) | Clinical Coordinator | Question 7: 100% Question 17: 100% |
| 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 2018) | Course Instructor | Exam 4: 87.26% 62.8% lowest score 94.7% highest score |

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| | | | (Class of 2019) | | Exam 5: 90.9% 79.07% lowest score 100% highest score |
| | 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 2018) (class of 2019) | Clinical Coordinator | 7.3 pt. Average |
| | 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 2018) (Class of 2018) | Clinical Coordinator | 3.9 pt. Average |
| 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 2018) (class of 2019) | Laboratory Instructor | Question 4: 6 Avg. Question 5: 6.6 Avg. Total of 12.3 Avg. |
| | RADT 415. Radiation Protection and Biology. Exam 4. | Average score of 80% or higher. | 1 st Year. Spring Semester. (Spring 2018) | Course Instructor | Average 91.18% Lowest score: 81.1% Highest score: 100% |

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| | | | (class of 2019) | | |
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| | 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 2018) | Clinical coordinator | 15 pt. Average |
| | Clinical Coordinator Observation Form. Questions 16, 17. | Average score of 3.6 or higher (2.6 – 4 scale) | 1 st year. Fall Semester (Fall 2017) (class of 2019) | Clinical Coordinator | Questions 16: 3.7 Avg. Question 17: 3.6 Avg. |
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Goal #2 : Students will communicate effectively.

| Outcome | Measurement Tool | Benchmark | Timeframe | Responsible Party | Results |
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| 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 2017) (class of 2019) | Clinical Instructor | B: 3.6 Avg. C: 3.6 Avg. E: 3.7 Avg. F: 3.6 Avg. J: 3.6 Avg. |
| Students will use effective oral communication skills with patients | Personal and professional Growth Assessment Form. | Average of 3.6 (Scale from 2.6 to 4) | 1 st Year. Fall Semester (Fall 2017) | Clinical Instructor | F: 3.6 Avg. G: 3.7 Avg. Pulled 6 students |

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| | Protection, Safety and comfort of patients Section (f and g) | | (class of 2019) | | |
| | Clinical Competency Rating Form. Sections 16 and 19 | 85% will pass these two sections. (Pass or Fail) | 2 nd year. Fall semester (Fall 2017) (Class of 2018) | Clinical Instructor | Question 16: 100% Pass Question 19: 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 2017) (class of 2019) | Laboratory Instructor | 100% score 4 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 2017) (Class of 2018) | Class Instructor | Average score: 89.6% High score: 100% Low score: 77% 95% of the class score 80% or higher |
| | RADT 442.Radiographic Pathology. Students write a research paper on a | 80% or higher. Utilizing scoring rubric. Based on | 2 nd Year. Spring Semester (Spring 2018) | Class Instructor | Average 95% High score 100% Low score 80.8% |

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| | pathology of their interest. Rubric categories Content #2 and #3 and Mechanics #1-#4 | scale from 1 to 100 | (Class of 2018) | | |
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| Goal #3: Students will use critical thinking and problem solving skills. | | | | | |
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| 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 2018) (Class of 2018) | Clinical Coordinator | 3.9 pt. Average |
| | 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 2018) (Class of 2018) | Clinical Coordinator | 9 pt. Average |
| | Critique Form for Exam in the OR | Average score of 7.2 or higher (1 – 9 scale) | 2 nd Year. Spring semester (Spring 2018) (Class of 2018) | Clinical Coordinator | 8.3 pt. Average |
| 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 2017) (Class of 2018) | Course Instructor | Average Score: 90.4% High score: 99.5% Low score: 73.5 |
| | RADT 420. Laboratory Practical -Trauma situations | Average score of 12 or higher. (15 point scale) | 1 st Year Spring Semester (Spring 2017) | Laboratory Instructor | 15 pt. Average |

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| | | | (class of 2018) | | |
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| Goal #4: Students will evaluate the importance of professional growth and development. | | | | | |
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| 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 2018) (Class of 2018) | Clinical Coordinator | Met 11.5 pt. Average |
| | RADT 440. Student Survey after interviewing 3 Technologist working in advance modalities | Benchmark = 7 Scale of 0 - 10 | 2 nd year Fall Semester (Fall 2017) (Class of 2018) | Course Instructor | Met Average 9.6 in scale of 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 2017) (Class of 2018) | Program Director | No in person CSRT conference in 2017. Students did not participate. |

| Goal #5: The program will graduate entry-level technologists. | | | | | |
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| 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 2017) | 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 2017) | Program Director | 100% |
| Students will complete the program within 25 months. | Retention Rate | 85% or higher | Upon graduation (Class of 2017) | Program Director | 84.2% |
| Students will be satisfied with their education. | Graduate Survey | 85% or higher will be satisfy. | 12 months after graduation (Class of 2017) | 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 2017) | Program Director | 95% |