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

### Goal 1: Students will be clinically competent.

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Measurement Tool</th>
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<th>Timeframe</th>
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</thead>
<tbody>
<tr>
<td>Students will apply positioning skills.</td>
<td><strong>RADT 420. Lab Practical Rating Form (Questions 2)</strong></td>
<td>Average score of 12 or higher. (15 point scale)</td>
<td>1st Year – Spring Semester (2018) (class of 2019)</td>
<td>Laboratory Instructor</td>
<td>Average 14 pts.</td>
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<tr>
<td></td>
<td><strong>Clinical Coordinator Observation Form (Question 11 and 12) – Random Sampling of three observation per student</strong></td>
<td>Average score of 3.6 or higher (4 point scale)</td>
<td>2nd Year – Spring Semester (Class of 2018)</td>
<td>Clinical Coordinators</td>
<td>Question 11: 3.8 Avg. Question 12: 3.9 Avg.</td>
</tr>
<tr>
<td></td>
<td><strong>Clinical Competency Rating Form. (Questions 7 and 17) Random Sampling of three forms</strong></td>
<td>85% will pass these two sections. (Pass or Fail rating)</td>
<td>2nd year – Spring semester (Class of 2018)</td>
<td>Clinical Coordinator</td>
<td>Question 7: 100% Question 17: 100%</td>
</tr>
<tr>
<td>Student will select appropriate technical factors</td>
<td><strong>RADT 430. Principles of Radiation Exposure. Exam 4 and 5</strong></td>
<td>Average score of 80% or higher</td>
<td>1st Year – Spring Semester (Spring 2018)</td>
<td>Course Instructor</td>
<td>Exam 4: 87.26% 62.8% lowest score 94.7% highest score</td>
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<tr>
<td>Course</td>
<td>Evaluation Details</td>
<td>Average Score</td>
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<tr>
<td>RADT 420. Lab Practical Rating Form. (Questions 4 and 5)</td>
<td>Average score of 11 or higher (14 points possible) Quest 4 = 6 points Quest 5 = 8 points</td>
<td>6 Avg.</td>
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<tr>
<td>RADT 415. Radiation Protection and Biology. Exam 4.</td>
<td>Average score of 80% or higher.</td>
<td>6.6 Avg.</td>
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<td>Students will practice radiation protection.</td>
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<td>Total of 12.3 Avg.</td>
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<td>Clinical Coordinator Observation Form (Question 12) – Random Sampling of six observation per student</td>
<td>Average score of 3.6 or higher (2.8 – 4 scale)</td>
<td>3.9 pt. Average</td>
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<td>Clinical Coordinator</td>
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<tr>
<td>Radiographic Image Evaluation Form (Section Technical Factors) – Random Sampling of three evaluations per student</td>
<td>Average score of 6 or higher (8 point scale)</td>
<td>7.3 pt. Average</td>
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<td>Clinical Coordinator</td>
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<tr>
<td>Exam 5: 90.9% 79.07% lowest score 100% highest score</td>
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<td>RADT 415. Radiation Protection and Biology. Exam 4.</td>
<td>Average score of 80% or higher.</td>
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<td>Course Instructor</td>
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<td>Clinical Coordinator</td>
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<td>Goal #2: Students will communicate effectively.</td>
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<tr>
<td>Students will use effective oral communication skills with clinical staff.</td>
<td><strong>Personal and professional Growth Assessment Form.</strong> <strong>Midterm Eval.</strong> 1-Professionalism Sections (b, c, e, f and j)</td>
<td>Average of 3.6 (Scale from 2.6 to 4)</td>
<td>1&lt;sup&gt;st&lt;/sup&gt; Year Fall Semester (Fall 2017)</td>
<td>Clinical Instructor</td>
<td>B: 3.6 Avg.  C: 3.6 Avg.  E: 3.7 Avg.  F: 3.6 Avg.  J: 3.6 Avg.  (class of 2019)</td>
</tr>
<tr>
<td>Students will use effective oral communication skills with patients</td>
<td><strong>Personal and professional Growth Assessment Form.</strong></td>
<td>Average of 3.6 (Scale from 2.6 to 4)</td>
<td>1&lt;sup&gt;st&lt;/sup&gt; Year. Fall Semester (Fall 2017)</td>
<td>Clinical Instructor</td>
<td>F: 3.6 Avg.  G: 3.7 Avg.  Pulled 6 students  (class of 2019)</td>
</tr>
<tr>
<td>Course</td>
<td>Description</td>
<td>Grade</td>
<td>Instructor</td>
<td>Notes</td>
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<tr>
<td>Protection, Safety and comfort of patients Section (f and g)</td>
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<td><em>(class of 2019)</em></td>
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<tr>
<td><strong>Clinical Competency Rating Form.</strong> Sections 16 and 19</td>
<td>85% will pass these two sections.</td>
<td><em>(Pass or Fail)</em></td>
<td>2nd year. Fall semester <em>(Fall 2017)</em></td>
<td>Clinical Instructor</td>
<td>Question 16: 100% Pass Question 19: 100% Pass</td>
</tr>
<tr>
<td><strong>RADT 410. Laboratory Practical Rating Form. Question 1</strong></td>
<td>80% of our students will be successful in this skill. Average of 4 points (Scale from 1 – 6)</td>
<td>1st year Fall Semester <em>(Fall 2017)</em></td>
<td>Laboratory Instructor</td>
<td>100% score 4 or higher</td>
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<td>Students will practice written communication skills.</td>
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<tr>
<td><strong>RADT 440. Advance Imaging Modalities.</strong> Students write a research paper on the Radiographic subspecialty of their choice</td>
<td>80% or higher. Utilizing scoring rubric. Based on scale from 1 to 100</td>
<td>2nd Year. Fall Semester <em>(Fall 2017)</em></td>
<td>Class Instructor</td>
<td>Average score: 89.6% High score: 100% Low score: 77% 95% of the class score 80% or higher</td>
<td></td>
</tr>
<tr>
<td><strong>RADT 442. Radiographic Pathology.</strong> Students write a research paper on a</td>
<td>80% or higher. Utilizing scoring rubric. Based on scale from 1 to 100</td>
<td>2nd Year. Spring Semester <em>(Spring 2018)</em></td>
<td>Class Instructor</td>
<td>Average 95% High score 100% Low score 80.8%</td>
<td></td>
</tr>
<tr>
<td>pathology of their interest. Rubric categories Content #2 and #3 and Mechanics #1-#4</td>
<td>scale from 1 to 100</td>
<td>(Class of 2018)</td>
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</table>
**Goal #3: Students will use critical thinking and problem solving skills.**

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<tr>
<td>Students will manipulate technical factors for non-routine examinations.</td>
<td>Clinical Coordinator Observation Form (Question 8)- Random Sampling of three observation per student</td>
<td>Average score of 3.6 or higher (2.6 – 4 scale)</td>
<td>2nd Year. Spring semester (Spring 2018)</td>
<td>Clinical Coordinator</td>
<td>3.9 pt. Average</td>
</tr>
<tr>
<td>Critique Form for Exam with Modify Projections due to patient’s condition. Section Technical Factors</td>
<td>Critique Form for Exam with Modify Projections</td>
<td>Average score of 7.2 or higher (1 – 9 scale)</td>
<td>2nd Year. Spring semester (Spring 2018)</td>
<td>Clinical Coordinator</td>
<td>9 pt. Average</td>
</tr>
<tr>
<td>Critique Form for Exam in the OR</td>
<td>Critique Form for Exam in the OR</td>
<td>Average score of 7.2 or higher (1 – 9 scale)</td>
<td>2nd Year. Spring semester (Spring 2018)</td>
<td>Clinical Coordinator</td>
<td>8.3 pt. Average</td>
</tr>
<tr>
<td>Students will adapt positioning for trauma patients.</td>
<td>RADT 440. Advance Imaging Modalities. Exam #1</td>
<td>Average score 80% or higher (100% scale)</td>
<td>2nd Year. Fall Semester (Fall 2017)</td>
<td>Course Instructor</td>
<td>Average Score: 90.4% High score: 99.5% Low score: 73.5</td>
</tr>
<tr>
<td></td>
<td>RADT 420. Laboratory Practical -Trauma situations</td>
<td>Average score of 12 or higher. (15 point scale)</td>
<td>1st Year Spring Semester (Spring 2017)</td>
<td>Laboratory Instructor</td>
<td>15 pt. Average</td>
</tr>
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</table>
| 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               |
| Students will summarize the importance of attendance at professional meetings. | **RADT 440. Student Survey**  
after interviewing 3 Technologist working in advance modalities | Benchmark = 7  
Scale of 0 - 10 | 2nd 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 | 2nd 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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<tr>
<td>Students will pass the ARRT national certification on the 1&lt;sup&gt;st&lt;/sup&gt; attempt.</td>
<td>ARRT 1&lt;sup&gt;st&lt;/sup&gt; Time Pass Rates</td>
<td>90% or higher</td>
<td>4 months after graduation. (Class of 2017)</td>
<td>Program Director</td>
<td>100%</td>
</tr>
<tr>
<td>Of those pursuing employment, students will be gainfully employed within 12 months post-graduation.</td>
<td>Graduate Survey</td>
<td>80% or higher</td>
<td>12 months after graduation (Class of 2017)</td>
<td>Program Director</td>
<td>100%</td>
</tr>
<tr>
<td>Effective on 1/1/2014 the JRCERT job placement is to be evaluated after 12 months.</td>
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<tr>
<td>Students will complete the program within 25 months.</td>
<td>Retention Rate</td>
<td>85% or higher</td>
<td>Upon graduation (Class of 2017)</td>
<td>Program Director</td>
<td>84.2%</td>
</tr>
<tr>
<td>Students will be satisfied with their education.</td>
<td>Graduate Survey</td>
<td>85% or higher will be satisfy.</td>
<td>12 months after graduation (Class of 2017)</td>
<td>Program Director</td>
<td>100%</td>
</tr>
<tr>
<td>Employers will be satisfied with the graduate’s performance</td>
<td>Employer Survey (Phone Survey)</td>
<td>85% or higher</td>
<td>12 months after graduation (Class of 2017)</td>
<td>Program Director</td>
<td>95%</td>
</tr>
</tbody>
</table>