

Linking PSLOs, Assessment Methods, and Reports/Use 2017-2018 AY

Community College of Denver

Radiologic Technology Program

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Fall 2017

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Mission of the Radiologic Technology Program

The mission of the Radiologic Sciences Programs pledge to provide the health care community with ethical, competent, and professional radiographers.

Program Student Learning Outcomes

PSLO 1: RTE students will demonstrate clinical competence through proficiency in technical selections to provide the lowest dose to the patient with the best image quality during portable exams at the clinical site. (mapped to ethical and effective user of technology)

PSLO 2: RTE students will demonstrate evidence of critical thinking skills through evaluation and tracking of clinical journal entries. (mapped to complex thinker)

PSLO 3: RTE students will implement appropriate communication skills. (mapped to effective communicator)

PSLO 4: RTE students will employ professional work ethics. (mapped to personally responsible)

Curriculum Map

	RTE 101 Intro to Rad SU	RTE 111 Patient Care FA 1st	RTE 121 Procedures I FA 1st	RTE 122 Procedures II SP 1st	RTE 131 Pathology 1 SP 2nd	RTE 132 Pathology II SP 5th	RTE 141 Equipment I FA 1st	RTE 142 Equipment II SP 1st	RTE 221 Advanced Modalities	RTE 231 Radiation Biology FA4th	RTE 289 Capstone SP 5th	RTE 181 Intern I FA 1st	RTE 182 Intern II SP 2nd	RTE 183 Intern III SU 3rd	RTE 281 Intern IV FA 4th
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Linking PSLOs, Assessment Methods, and Reports/Use 2017-2018 AY

<p>1. Complex Thinker RTE Students will demonstrate critical thinking and problem solving skills a. Complex exams b. Image analysis c. Radiation safety through ALARA</p>	N	I	I	I	I	I	I	I	E	C	C	I	E	E	C A
<p>2. Effective and Ethical User of Technology RTE Students will demonstrate clinical competence Positioning Technical Factors Radiation protection</p>	N	I	I	I	E	E	E	E	C	C A	C	E A	E	E	C
<p>3. Effective Communicator RTE Students will effectively communicate in all medically oriented Scenarios.</p>	I	I A	E	E	E	E	E	E	C	C A	C	E	E	C	C
<p>4. Personally Responsible RTE Students will exhibit professional work and ethics.</p>	I	I	E	E	E	E	E A	E A	C	C	C	E A	E A	E A	C A

Key :

I + Introduced

E= Emphasized

C= Competent

A= Currently Formally Assessed

N-not applicable

Linking PSLOs, Assessment Methods, and Reports/Use 2017-2018 AY

Assessment Plan

Below is a table of how each PSLO is assessed and how the results are reported.

PSLO	Assessment measure, how?	Population, whom?	Reporting
<p>1. RTE students will demonstrate clinical competence through proficiency in technical selections to provide the lowest dose to the patient with the best image quality during portable exams at the clinical site.</p>	<p>RTE 181 Development of manual technic chart. RTE 181; provide analysis and critique of factors applied to three portable chest and/or abdomen exams. Exposure Index, deviation index, technical factors used, (mA, time/or mAs, kVp, distance) Pathology considerations, habitus. Same exams to be evaluated for RTE 281-282</p>	<p>RTE 182 Internship-Junior students. RTE 281-282 Internship/Senior students Clinical Instructors to evaluate images from three portable exams using a new tool. Independent of current course grading tool.</p>	<p>RTE faculty and CI will evaluate the outcomes which could lead to a change in curriculum if warranted.</p> <p>Results will be discussed with the RTE Advisory Board</p>
<p>2. RTE students will demonstrate</p>	<p>Senior student journals are read by the Clinical</p>	<p>RTE 281- 282 senior students in final two</p>	<p>RTE faculty and CI's will evaluate</p>

Linking PSLOs, Assessment Methods, and Reports/Use 2017-2018 AY

evidence of critical thinking skills through evaluation and tracking of clinical journal entries.	Coordinator and will be tracked and evaluated for entries that demonstrate critical thinking skills. Some antidotal stories may be added in the assessment.	semesters of clinical internships. Clinical Coordinator will track and evaluate.	the outcomes. Results will be discussed with the RTE Advisory Board.
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Linking PSLOs, Assessment Methods, and Reports/Use 2017-2018 AY

RTE goals	Assessment measure, how?	Population, whom?	Reporting
<p>3. RTE students will implement appropriate communication skills.</p>	<p>Junior students will be given a scenario as a graded assignment explaining the communication dialogue with a patient from greeting the patient in the waiting room and to completing the exam. AIDET principals are the criteria. Senior 5th semester students will be given a complex scenario of an unconscious patient.</p>	<p>RTE 111 junior students will be given the assignment by the instructor. RTE 289 senior students will be given the assignment by the instructor.</p>	<p>RTE faculty and CI's will evaluate and discuss at the RTE Advisory Board meeting.</p>
<p>4. RTE students will employ professional work ethics.</p>	<p>Graduate students are evaluated in annual employer surveys sent within the year of graduation. RTE juniors and seniors will be tracked for incidents of tardiness, absences, dress code violations, and preparedness (books) at the clinical site. Juniors will be evaluated in RTE 141 for film badge, name tags, and books.</p>	<p>Clinical Coordinator will compile data provided by clinical instructors. RTE 141/142 instructor will compile classroom data based on JRCERT requirement.</p>	<p>RTE faculty and CI's will evaluate and discuss at the RTE Advisory Board meeting.</p>

Linking PSLOs, Assessment Methods, and Reports/Use 2017-2018 AY

Time Line (Schedule) of when each will be assessed

PSLO 1 Spring for junior (second semester) and senior students (fourth and fifth semester)

PSLO 2 Fall and Spring for senior students (fourth and fifth semester)

PSLO 3 Fall for juniors (first semester) and spring for seniors (fifth semester)

PSLO 4 Fall and spring for juniors and seniors (first, second, fourth and fifth semesters)

What do you do with the results – how do you use them to improve the program?

The collected data trends and results are discussed with the RTE faculty during the RTE Assessment meetings that occur twice a semester in early fall and late spring. Next, a report is written by the RTE Program Director during the summer semester that includes the trends and benchmarks. The results are also discussed at the monthly faculty/clinical instructor meetings and changes are made as necessary, to the course, the assessment rubric, or the program, either immediately or applied in the following academic year.

The written report, which includes recommendations or changes, is shared with the RTE Advisory Board members through email early fall semester with any solicited comments. The prior year plan results are discussed at the Fall Advisory Board meeting, as well as the current plan, with any revisions for the next academic year.

The 2017-18 AY is the first cycle for these PSLO's and will be assessed for a three year cycle to check for trends and benchmark attainment, which could include modifications. When the loop is closed, other assessments will be developed.