

2021-2022 Assessment Cycle

## Assessment Plan

### Mission Statement

The Radiologic Technology (Radiographer) Program is focused on development of qualified medical imaging technologists who provide optimum patient care through competency and professional conduct.

### Measures

#### AS-XR Outcome Set

PSLO 3

#### Outcome: Clinical competence

Goal 1: Students and graduates will demonstrate clinical competence.

SLO 1: Students will apply positioning skills.

SLO 2: Students will validate proper patient care.

#### ▼ Measure: Competency Evaluations

*Program level Direct - Exam*

Details/Description: Competency Evaluations (mandatory and elective) which are completed in the terminal semester of AL238 Radiology Clinical V.

Acceptable Target: Cohort average score equal to or greater than 90%

#### ▼ Measure: Graduate Survey

*Program level Indirect - Other*

Details/Description: Graduate satisfaction with their formal education, as indicated by returned surveys; 6 month post graduation survey.

Acceptable Target: Value equal to or higher than 80%

▼ **Measure:** Performance Evaluation  
*Course level Direct - Other*

Details/Description: AL236 Radiology Clinical III Performance Evaluations, radiation protection question (summer session).

Acceptable Target: Cohort average score  $\geq 1.8$  on a 2.0 scale

## PSLO 2

### **Outcome: Critical Thinking**

Goal 2: Students will utilize critical thinking and problem-solving skills.  
SLO 1: Students will be able to adapt positioning for trauma patients.

▼ **Measure:** National Credentialing Exam  
*Other level Direct - Exam*

Details/Description: Graduating students pass the American Registry of Radiologic Technologists national credentialing examination on the initial attempt. Data used is from the previous year due to students' completion of the exam May - December.

Acceptable Target: 85% pass on the initial attempt

▼ **Measure:** Trauma Positioning  
*Course level Direct - Exam*

Details/Description: AL236 Radiology Clinical III trauma positioning exams (upper and lower extremity) during spring semester.

Acceptable Target: Cohort average score of  $\geq 82\%$

### PSLO 3

#### **Outcome: Communication**

Goal 3: Students will exhibit the ability to communicate effectively.

SLO 1 Students will demonstrate written communication skills.

SLO 2: Students will demonstrate oral communication skills.

▼ **Measure:** Project  
*Course level Direct - Other*

Details/Description: AL237 Radiology Clinical IV project (essay or exhibit) during fall semester.

Acceptable Target: Cohort average score equal to or higher than 80%

▼ **Measure:** Radiographic Exposure Essay  
*Course level Direct - Other*

Details/Description: AL236 Clinical III, Exposure-related factors and patient dose essay (summer session).

Acceptable Target: Cohort average score equal to or greater than 80%

## Analysis and Reporting Calendar

Data are collected and analyzed for all PSLOs each semester the course is taught which is once per academic year.

Graduate survey is performed the end of the calendar year (6 months).

The program is accredited by a national agency (Joint Review Committee on Education in Radiologic Technology) which requires an expanded assessment report be submitted each calendar year.

## Stakeholder Involvement

1. Full-time faculty are involved at every step of the assessment process, from the creation of PSLOs and measurement tools to the review of assessment results. XR faculty review and discuss the assessment results three times a year (spring, summer and fall). The program also utilizes a separate assessment committee composed of faculty, one allied health faculty outside the program and one radiology manager from a local health care facility.
2. Adjunct faculty are utilized only as coverage for clinical education visits and tracking of student documentation. They do not administer examinations or evaluations on students, so are not involved in assessment.
3. Students see the mission statement and goals in every course syllabus, as well as initial discussion through the Program and Clinical Manual during program orientation.
4. Advisory Board (radiology managers and clinical preceptors) review the assessment report each year.

## Program Assessment Plan Review Cycle

Last review was 2021-2022 with major updates to align with national accreditation assessment requirements. Next review will be 2022-2023 cycle.

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