

2021-2022 Assessment Cycle

Assessment Findings

Program Assessment Accomplishments

Data from the current academic year, as well as May 2021 graduates (related to the national certification exam and graduate survey), is included in this report. The assessment plan/report shows the overall achievement of the stated learning outcomes. Students continue with the attainment of skill development in this direct patient care program

Finding per Measure

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%

Findings for Competency Evaluations

Summary of Findings: Third-year for measurement which was expanded from the program's final competency series to ARRT mandatory and elective exams.

- Competency averages ranged from 95.4 to 99.8 with 98.7% as the cohort average.

Results : Acceptable Target Achievement: Exceeded

Recommendations:

Reflections/Notes:

▼ **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%

Findings for Graduate Survey

Summary of Findings: • Of the returned surveys from 2021 graduates (59% return), 1 agreed and 12 strongly agreed with adequate preparation for entry-level practice. Two surveys are sent out approximately one month apart, requesting information.

Results : Acceptable Target Achievement: Exceeded

Recommendations: Continue to monitor.

Reflections/Notes: The question is always how to increase the response rate.

▼ **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 ≥ 1.8 on a 2.0 scale

Findings for Performance Evaluation

Summary of Findings:

- 77 submitted performance evaluations during summer 2021. $76/77 = 1.98$ cohort average.

Results : Acceptable Target Achievement: Exceeded

Recommendations: Will continue to monitor

Reflections/Notes:

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

Findings for National Credentialing Exam

Summary of Findings: •2018-2022 =91.35% 95/104

Results : Acceptable Target Achievement: Exceeded

Recommendations:

Reflections/Notes: The reason given for failure on this first attempt by all students was increased anxiety.

▼ **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 ≥82%

Findings for Trauma Positioning

Summary of Findings: 2021 = Upper 83% Lower 87%

Results : Acceptable Target Achievement: Met

Recommendations: Continue to monitor.

Reflections/Notes:

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%

Findings for Project

Summary of Findings: 2021 96.9% 21/21 submissions

- 21 submissions with 21 students achieving 80% or higher.

Results : Acceptable Target Achievement: Exceeded

Recommendations: Continue to monitor.

Reflections/Notes:

▼ **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%

Findings for Radiographic Exposure Essay

Summary of Findings: 2021 94.6% 20/21 submissions

Results : Acceptable Target Achievement: Exceeded
Recommendations: Continue to monitor.
Reflections/Notes:

Overall Recommendations

The radiologic technology program will continue with the revised assessment plan and PSLOs.

Overall Reflection

The radiology assessment committee is composed of both radiologic technology faculty, as well as one radiology manager, and one allied health faculty.

The assessment report is presented to both the Clinical Preceptor Advisory Board and the Radiology Managers Advisory Board. The Washburn University assessment report has been realigned with the national accreditation assessment plan/report.

Faculty Collaboration

Faculty members meet at the end of each semester to gather applicable assessment data. The data is then analyzed not only by faculty but by a separate radiology assessment committee comprised of both full-time faculty, allied health faculty member, and a radiology manager.

Communication & Collaboration with Students

Before entering the course of study, interested students and applicants can access the mission statement, goals, and outcomes are stated on the program's public website.

Program mission and goals are listed in the majority of course syllabi and are discussed in the new student orientation in August.

One student representative is present at the Advisory Board during which the assessment report is reviewed

Communication & Collaboration with External Stakeholders

Students and external stakeholders are made aware of the PSLOs and measures through various modes. First, program outcomes and goals are stated clearly on the program's website, which is open to the public. The program's outcomes and goals include the PSLOs, but also include some other measures such as program effectiveness measures required by an accrediting body (Joint Review Committee on Education in Radiologic Technology).

The clinical preceptors' advisory board meets in the fall and the radiology management advisory board in the spring. At each meeting, the board reviews the programs outcomes and goals as well as the mission of the program. It is in the spring meeting when the assessment plan and annual data is provided and reviewed in significant detail as that is when the 6-month post-graduation data (graduate and employer surveys) is discussed from the previous graduating class.

Communication & Collaboration with University

The program director participated in the drop-in meetings hosted by the Assessment Team. Program assessment and reporting were discussed and suggestions made by the Assessment Team were implemented.

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