

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 surveys) is included in this report.

Recent graduates from May 2021 will not finish national exam completion until the end of June with reporting data not available until later this year.

The assessment plan/report shows overall achievement of the stated learning outcomes. Students continue with attainment of skill development in this direct patient care program.

Attainment of surveys (employer and graduate) have been the biggest difficulty.

Finding per Measure

MRI Outcome Set

PSLO 1

Demonstrate the ability to comprehend, apply and evaluate medical information relevant to the profession of magnetic resonance.

Outcome: Magnet Safety

Students consistently practice magnet safety.

Measure: Magnet Safety Course level Direct - Exam

Details/Description: AL349 MR Clinical I: Pt. Preparation, Education and Safety Lab.

Acceptable Target: 100% of students will attain a minimum score of 84%

Findings for Magnet Safety

Summary of Findings: Per the adjunct instructor, all students received a minimum score

on the Patient Preparation, Education and Safety assignment. Result 100% achieved minimum score or higher.

Results :

Acceptable Target Achievement: Exceeded

Recommendations:

Continue to monitor

Reflections/Notes:

Outcome: ARRT Exam Results

Students will pass the ARRT post-primary MR exam within one year after graduation.

▼ **Measure:** ARRT Exam
Program level Direct - Exam

Details/Description:

ARRT On-line Directory and Graduate survey are the sources of information.

Acceptable Target:

80% of graduates will pass the exam within 6 months post-graduation. Not all States require certification for MRI

Findings for ARRT Exam

Summary of Findings:

2 students out of 6 actually took the exam = 33.3%

The graduate returning the survey recently obtained a MRI job, so will be required to take the ARRT exam in a timely manner.

ARRT exam is not required for professional practice, but may be required by employer. Due to the non-ionizing energy used, may not

be licensed by States. Continue to encourage graduates to take exam within 1 year after completion of program.

Results :

Acceptable Target Achievement: Not Met

Recommendations:

Survey is done via ARRT on-line directory and Graduate Survey. Look into other avenues of communication to obtain better return (I.e. personally sending emails with link).

Reflections/Notes:

One of biggest clinical sites is pushing OJT and this has also become a detriment in students taking the exam. They feel comfortable and stay with this site which does not require them to seek certification.

PSLO 2

Demonstrate the technical proficiency in all skills necessary to fulfill the professional discipline of magnetic resonance.

Outcome: Competency Evaluations

Students will display proper exam completion skills during clinical education.

▼ **Measure:** Competency Evaluations
Course level Direct - Other

Details/Description: AL352 MR Clinical II Competency Evaluations.

Acceptable Target: 100 % of students will attain a minimum score of 86%

Findings for Competency Evaluations

Summary of Findings: 100% were over the minimum score

Results : Acceptable Target Achievement: Exceeded

Recommendations:

Reflections/Notes:

Outcome: Graduate Satisfaction

Graduates will state satisfaction with their MR education.

▼ **Measure:** Graduate Survey
Program level Indirect - Interview

Details/Description: May graduates due to the timeline of a 6-month survey.

Acceptable Target: Half of the students will rate the program with ≥ 3.0 with above average being a "4 rating".

Findings for Graduate Survey

Summary of Findings: None. 6 graduate surveys were sent via email with no returns. A second email was sent with 1 return stating she had been hired for an MRI job, but no other usable data.

Results : Acceptable Target Achievement: Not Met

Recommendations: Perhaps resort to snail mail with a return envelope or look at a graduate exit survey.

Reflections/Notes: How many times is reasonable to request follow up information?

Outcome: Employer Satisfaction

Employers will be satisfied with the performance of entry-level MR technologists.

▼ **Measure:** Employer Survey
Program level Indirect - Interview

Details/Description: Previous May graduates evaluation due to timeline of graduate survey.

Acceptable Target: Half of the students will rate the program with ≥ 3.0 on a 4.0 with above average being a "4 rating".

Findings for Employer Survey

Summary of Findings: None. No employer surveys were returned since no graduate surveys were returned.

Results : Acceptable Target Achievement: Not Met

Recommendations: Not certain how to proceed. Must get more graduate surveys returned in order to obtain this, so will continue to look into ways to increase those surveys as stated.

Reflections/Notes:

PSLO 3

Demonstrate professional behavior consistent with graduate expectations in the profession of magnetic resonance.

Outcome: Performance Evaluations

Students will recognize the importance of professional behavior.

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

Details/Description: AL352 Monthly Performance Evaluations:
Question 9 (professionalism).

Acceptable Target: Average score for all students will be “as expected
or higher” on the last two of each students
evaluations.

Findings for Performance Evaluation

Summary of Findings: 100% of the students attained as expected or
higher on last two evaluations

Results : Acceptable Target Achievement: Met

Recommendations:

Reflections/Notes:

Outcome: Case Study

Students will show the ability to skillfully care for their patients during clinical education.

▼ **Measure:** Case Study
Course level Direct - Exam

Details/Description: AL352 Case Study

Acceptable Target: Each student will attain a minimum score of 84%

Findings for Case Study

Summary of Findings:	100% of the students met or exceeded the minimum score
Results :	Acceptable Target Achievement: Met
Recommendations:	
Reflections/Notes:	

Overall Recommendations

Considering adding part of the survey as an exit survey in final course. However because this is a post graduate exam, examine new ways to encourage graduate and employer survey returns.

Overall Reflection

The pass rate for the program is high. Getting students to take the National exam due to laws that do not require a post graduate exam is the challenge. Although employers agree due to safety MR techs must be trained properly they do not seem as concerned about the exam. However, due to reimbursement many require the exam be completed and passed.

However this is a fair assessment of the national assessment recommendations and will continue to realign as necessary.

Faculty Collaboration

Program coordinator collects data each semester from the adjunct instructors and sends to all adjuncts.

Student course evaluation findings are also sent to each adjunct instructor from the coordinator, with positive comments and suggestions for improvement.

Department meetings many times include discussions on some of the findings, needed changes and suggestions.

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.

The online one-year certificate program makes it challenging to communicate in depth information.

Students will be invited to complete an exit survey to gather their perceptions after graduation.

Communication & Collaboration with External Stakeholders

The MR assessment committee is composed of the coordinator and the adjunct faculty. The assessment report is presented to the Imaging Managers Advisory Board. The Washburn University assessment report is aligned with the national assessment recommendations.

Students and external stakeholders are made aware of the PLSOs and measures through various modes:

1. The program's outcomes and goals are clearly stated on the program's website, which are open to the public.
2. The program's goals include the PLSOs, but also include some other measures as recommended by a national agency.
3. The imaging management advisory board meets each spring. At each meeting the board reviews the program outcomes and goals as well as the mission of the program. It is in this spring meeting that the assessment plan and annual data is provided and reviewed in significant detail as that is when the 6 month post-graduate data (graduate and employer surveys) is discussed from the previous graduating class.

Communication & Collaboration with University

Coordinator attended assessment trainings and met with the Washburn Assessment Director.

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