

**ASSESSMENT PLAN**  
**Academic Year 2023-24**

The Program will evaluate specific outcomes to determine if the Program's goals are met.

Responsibility: Program Director, Educational Advisory Committee, Instructors, Clinical Staff.

Standard: Evaluation and Assessment

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The Program shall develop an assessment plan that must include the Program's student learning outcomes in relation to the following goals: clinical competence, critical thinking, and communication skills.

This assessment shall be used to improve student learning and educational quality; and assure continuous improvement and accountability of the Program.

The assessment plan must include student learning outcomes, measurement tools, benchmarks, and must also identify time frames and individuals responsible for data collection.

The Effectiveness of the Program shall also be measured using the following collected data

- Five-year average credentialing examination pass rate
- Five-year average job placement rate
- Program Completion rate
- Graduate satisfaction
- Employer satisfaction

The benchmarks for these criteria shall be:

- Credentialing examination pass rate of not less than 75 percent at first attempt
- Five-year average job placement rate of not less than 75 percent within twelve months of graduation
- Program Completion rate of 75% or greater
- Graduate satisfaction of 90% or greater
- Employer satisfaction of 90% or greater
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This information will be reported annually to the JRCERT

The Program will make student learning outcomes available to the communities of interest by posting the information on the Program's website.

## Definitions:

**Credentialing exam pass rate** – the number of Program graduates who pass, on the first attempt, the American Registry of Radiologic Technologists (ARRT) certification examination compared with the number of graduates who take the exam within six months of graduation.

**Job placement rate** – the number of Program graduates employed in the radiologic sciences compared to the number of graduates actively seeking employment in the radiologic sciences within twelve months of graduation.

**Not Actively Seeking Employment** – As defined by the JRCERT includes:

1. The graduate fails to communicate with Program Officials regarding employment status after multiple attempts
2. The graduate is unwilling to seek employment that requires relocation
3. The graduate is unwilling to accept employment due to salary or hours
4. The graduate is on active military duty
5. The graduate is continuing education.

**Program completion rate** – The number of students who complete the program within the stated program length. The program specifies the entry point as two weeks after the first day of classes. When calculating the total number of students enrolled in the program (denominator), programs need not consider students who attrite due to nonacademic reasons such as:

1. financial, medical/mental health, or family reasons,
2. military deployment,
3. a change in major/course of study, and/or
4. other reasons classified as nonacademic withdrawal.

**Graduate satisfaction** – The Program will send out a survey to graduates six months after graduation. This survey will be sent to last known e-mail, or physical address of the graduate. One question on the survey shall include a request of current employer.

**Employer Satisfaction** - The Program will send out a survey to the employers of graduates once the graduate has indicated his or her employer.

**Communities of Interest** - The Program identifies the communities of interest for the purposes of providing student outcomes and Program effectiveness data as being: hospital and Imaging Service administration, Educational Advisory Committee, faculty, students, prospective students and the general public.

## Student Learning Outcomes

To assure that students graduating from the Program are meeting the basic level of education, the following outcomes are used to evaluate the Program:

**Goal 1. The student, upon graduation, will demonstrate the skills necessary to**

**perform as an entry-level radiographer.**

- A. The student will comprehend and apply the principles of ALARA for patients and others.
- B. The student will demonstrate knowledge of anatomy and pathology.
- C. The student will consistently demonstrate quality patient-care skills.
- D. The student will consistently operate the radiographic equipment to optimize the quality of images produced.

**Goal 2. The student, upon graduation, will demonstrate critical thinking and problem solving skills.**

- A. The student will demonstrate appropriate critical thinking and problem solving skills in modifying a patient's care due to the patient's condition.
- B. The student will demonstrate appropriate critical thinking and problem solving skills in performing radiographic procedures.

**Goal 3. The student, upon graduation, will demonstrate effective communication skills.**

- A. The student will use appropriate oral communication in discourse with patient, peers, and medical staff.
- B. The student will accurately read and exhibit active listening skills to understand and comprehend presented information.

**Program Effectiveness**

- A. Program Completion Rate - Students will complete the Program within 36 months.
- B. Satisfaction of Graduates - Graduates will indicate that they are satisfied with their educational program of at a rate of at least 90%.
- C. Satisfaction of Employers - Employers will indicate that they are satisfied with the graduate's performance of at a rate of at least 90%
- D. Credentialing Examination Pass Rate - Students will pass the ARRT certification exam on the first attempt. Five-year average credentialing examination pass rate of not less than 75 percent at first attempt.
- E. Job Placement rate - Graduates seeking employment will be employed within twelve months of graduation. Five-year average job placement rate of not less

than 75 percent within twelve months of graduation.

On an annual basis an assessment committee will analyze the student learning outcomes and Program effectiveness data, create a document and make the document available to the communities of interests. The Educational Advisory Committee will review the analysis of the Outcomes Assessment Committee and document this review in the EAC minutes.

In efforts to increase accountability and transparency, the Program will publish, at a minimum, its five -year average credentialing examination pass rate, five-year average job placement rate, and Program completion rate data on its web site to allow the public access to this data. The Program effectiveness data should clearly identify the sample size associated with each associated measure (i.e., number of first-time test takers, number of graduates actively seeking employment, number of graduates).

The Program will make student learning outcomes and effectiveness data available to students, faculty, administrations and general public on annual basis. It will be posted on the Program's web page along with providing this data to the JRCERT who will post it on the JRCERT URL.

The JRCERT will post five-year average credentialing examination pass rate, five-year average job placement rate, and program completion rate data at [www.jrcert.org](http://www.jrcert.org). The Program will publish the JRCERT URL ([www.jrcert.org](http://www.jrcert.org)) to allow the public access to this data.

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