

ASSESSMENT CRITERIA FOR RADIOGRAPHER PROGRAM

Academic Year 2023-24

To determine whether the identified outcomes are being met, the Program will assess its effectiveness.

Responsibility: Program Director, Instructors, Clinical Staff.

Standard: Evaluation and Assessment

To assure that the desired Program outcomes are being met, the following benchmarks are used to evaluate the Program:

ASSESSMENT PLAN

REGIONAL WEST MEDICAL CENTER SCHOOL OF RADIOLOGIC TECHNOLOGY

GOAL ONE: Demonstrate the Skills necessary to perform as an entry-level radiographer

| Outcome | Measurement Tool | Section | Benchmarks | Time Interval | Responsible Party |
|--|---|---|--------------------------------|--|-------------------|
| A. The Student Will comprehend and apply the principles of ALARA for patients and others. | 1. Clinical Staff Evaluations | i. Patient Radiation Safety - Takes appropriate Precautions and actions to minimize Radiation exposure to patient | Average will be 90% or greater | Month of July for 1st and 2nd years | Program Faculty |
| | 2. Clinical Competency Evaluation | i. Technical Factors: Radiation Protection and Collimation | Average will be 90% or greater | Months of September and March for 2nd years. | Program Faculty |
| | 3. ARRT Registry Radiation Protection and Safety Test Results | i. Sections 2 and section 3 average | Average will be 9 or greater | Annual | Program Director |
| B. The Student will demonstrate knowledge of anatomy and pathology | 1. Case Study Rubric | i. Sections covering knowledge about anatomy and pathology | Average will be 90% or greater | Second, Third and Fourth Terms | Program Faculty |
| | 2. Course 365 Radiographic Pathophysiology | i. Exam Scores | Average will be 90% or greater | Annual | Program Faculty |
| | 3. Course 380 Advanced Procedures | i. Cross Sectional Anatomy Exam Scores | Average will be 90% or greater | Annual | Program Faculty |
| | 4. Lab checkouts from Course 285-A and Course 285-B | i. Section on identifying anatomy and pathology | Average will be 90% or greater | Annual | Program Faculty |

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| C. The Student will consistently demonstrate quality patient care skills | 1. Advanced Patient Care from Clinical II-A and II-B Courses | i. Completion of venipuncture, EKG, phlebotomy | Average will be 80% or better | Third and Fourth Terms | Program Faculty |
| | 2. Clinical Staff Evaluation | i. Patient-Infection Control: Practices Standard Precautions | Average will be 90% or greater | Month of July for 1st and 2nd years | Program Faculty |
| | 3. Clinical Competency Evaluations | i. Patient Care-Safety: Assured patient safety throughout the procedure | Average will be 90% or greater | Months of September and March for 2nd years. | Program Faculty |
| | | ii. Patient Care-Pain: Assess pain before starting exam, responds appropriately to patient complaints of pain | | | |
| iii. Patient Care - Needs of the Patient | | | | | |
| 4. Employer Evaluations | i. 9H | Average will be 90% or greater | Annual | Program Assistant | |
| D. The student will consistently operate the radiographic equipment to optimize the quality of images produced | 1. Clinical Preceptor Evaluations | i. Performance Skills: Maintenance of Equipment: Reports Equipment malfunctions promptly, properly takes care of equipment | Average will be 90% or greater | Months of September and March for 2nd years. | Program Faculty |
| | | ii. Technical Skills: Correct selection of technical factors: Selection of technical factors are within the exposure index producing a high quality image that rarely needs repeated. | | | |
| | | iii. Technical Skills: Operation of Equipment: Can operate equipment even though a period of time may have elapsed since last assignment to area. | | | |
| | 2. Clinical Staff Evaluation | i. Equipment: Confident in the use of the radiographic equipment | Average will be 90% or greater | Months of September and March for 2nd years. | Program Faculty |
| | | ii. Equipment: Proper care of radiographic equipment and correct reporting of errors and malfunctions | | | |

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| 3. Clinical Competency Evaluations | i. Technical Factors: Room Equipment Preparation ii. Technical Factors: Proper Image Receptor, Grid Selection and Use iii. Technical Factors: Central Ray: Angle and SID v. Technical Factors: Exposure Factors vi. Technical Factors: Imaging Identification-markers, projection selection | Average will be 90% or greater | Months of September and March for 2nd years. | Program Faculty |
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| GOAL TWO: The student upon graduation will demonstrate critical thinking and problem-solving skills | | | | | |
|---|------------------------------------|--|--------------------------------|--|-------------------|
| Outcome | Measurement Tool | Section | Benchmarks | Time Interval | Responsible Party |
| A. The student will demonstrate appropriate critical thinking and problem-solving skills in modifying patient care because of the patient's condition. | 1. Clinical Staff Evaluations | i. Patient-Patient Condition: Provides for patient safety ii. Patient-Patient Condition: Modifies routine exams to adjust for patient condition ii. Patient - Patient Condition: Recognizes and communicates the need for prompt medical attention | Average will be 90% or greater | Months of September and March for 2nd years. | Program Faculty |
| | 2. Employer Evaluations | i. 9M | Average will be 90% or greater | Annual | Program Assistant |
| | 3. Clinical Competency Evaluations | i. Patient Care Section of evaluation for the following exams: Trauma Upper Extremities, Trauma Lower Extremities, & Cross Table-lateral Hip | Average will be 90% or greater | Third and Fourth Terms | Program Faculty |

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| B. The student will demonstrate appropriate critical thinking and problem solving skills in performing radiographic procedures | 1. Clinical Competency Evaluations | <p>i. Technical Factors: Image Critique; Corrective Measures</p> <p>ii. Technical Factors: Proper Exposure Factors</p> <p>iii. Technical Factors: Unanticipated Problems</p> | Average will be 90% or greater | Months of September and March for 2nd years. | Program Faculty |
| | 2. Clinical Preceptor Evaluation | <p>i. Student Development - Organization: Ability to plan, prepare for and carry out procedure requirements</p> <p>ii. Technical Skills - Accurate positioning : Positioning leads to high quality images that rarely needs repeated.</p> | Average will be 90% or greater | Months of September and March for 2nd years. | Program Faculty |
| | 3. Employer Evaluations | <p>i. 9A</p> <p>ii. 9G</p> | Average will be 90% or greater | Annual | Program Assistant |

| GOAL THREE: The student upon graduation will demonstrate effective communication skills | | | | | |
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| Outcome | Measurement Tool | Section | Benchmarks | Time Interval | Responsible Party |
| A. The student will use appropriate oral communication in discourse with patients, peers, and medical staff | 1. Clinical Staff Evaluations | i. Patient Care Communication - Appropriate and effective communication with patient's fellow health care team members and public | Average will be 90% or greater | Months of September and March for 2nd years. | Program Faculty |
| | 2. Clinical Competency Evaluations | i. Patient Care: Communication - Uses AIDET Appropriately and Effectively | Average will be 90% or greater | Months of September and March for 2nd years. | Program Faculty |
| | 3. Clinical Preceptor Evaluations | i. Patient Care Skills - Communication Skills: Ability to communicate, interact and deal effectively with staff and patients | Average will be 90% or greater | Months of September and March for 2nd years. | Program Faculty |

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| | 4. Case Study Rubric | i. Sections covering Communication | Average will be 90% or greater | Third and Fourth Terms | Program Faculty |
| B. The Student will accurately read and exhibit active listening to understand and comprehend presented information. | 1. Clinical Preceptor Evaluations | i. Performance Skills: Clarifies requisitions: Asks when unsure of position or procedure on requisition ii. Ability to follow directions: Degree to which the student can listen, reason, and interpret tasks | Average will be 90% or greater | Third and Fourth Terms | Program Faculty |
| | 2. Employer Evaluations | i. 6F ii. 6O iii. 7B | Average will be 90% or greater | Annual | Program Assistant |

Program Effectiveness

| Outcomes | Measurement Tools | Benchmark | Time Interval | Responsible Party |
|--|-----------------------------|--|---------------|-------------------|
| A. Program Completion Rate – Students will complete the program within 24 months. | 1. Reported graduation rate | Average of 75% or greater | Annually | Program Director |
| B. Satisfaction of Graduates – Graduates will indicate that they are satisfied with their educational program. | 1. Alumni Evaluation | a. #19 A – average of 90% or greater b. #19 B – average of 90% or greater | Annually | Program Assistant |
| C. Satisfaction of Employers – Employers will indicate that they are satisfied with the graduate's performance. | 1. Employer Evaluation | a. #11 – average of 90% or greater | Annually | Program Assistant |
| 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. | 1. ARRT Report | a. 5 year average greater than 75% | Annually | Program Assistant |

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| E. Job Placement rate – Graduates seeking employment will be employed within 6 months of graduation. Five- year average job placement rate of not less than 75 percent within six months of graduation. | 1. Alumni Evaluation | a. #23 – 5 year report is not less than 75% | Annually | Program Director |
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Signature
Stephanie Cannon, MSRS, RT(R)(ARRT)
Program Director

Signature
Joshua Lively, MHA, BSRT(R), RT (R)(VI)(ARRT)
Director of Imaging Services

Reviewed: 1/9/08, 12/01/11,6/7/12, 3/7/13, 1/30/15, 1/20/17, 4/27/2020, 2/10/22
Revised : 2/16/98, 3/28/00, 1/11/01, 7/31/01, 3/28/03, 5/31/04, 3/30/05, 6/2/06, 6/7/12 , 2/28/2014, 6/9/14,
2/5/16, 1/12/18, 5/2/2019, 9/30/21, 6/22/23