



Assessment Record

Program: Radiologic Technology

Assessment period: 21-22

Program or Department Mission:

The mission of the Radiologic Technology Program at Jefferson State Community College is to prepare graduates for entry-level employment as a radiologic technologist in the healthcare community.

This program mission is consistent with the colleges Statement of Philosophy and Purpose in the Jefferson State Community College Catalog and Student Handbook.

Instructional Program Student Learning Outcomes & Assessment Plan

Student Learning Outcomes are assessed by the following:

1. Students will apply positioning skills.
2. Student will select appropriate technical factors
3. Students will practice radiation protection.
4. Students will use effective oral communication skills.
5. Students will practice written communication skills.
6. Students will manipulate technical factors for non-routine examinations.
7. Students will develop a professional resume
8. Students will exhibit professional behaviors such as punctuality in the clinical setting.

	<p>3. Follow Up Graduate Survey</p> <p>(Question 1)</p> <p>Positioning Skills</p> <p>Survey sent via e-mail</p>	<p>3. Score of 2.5 or higher Scale (1-3)</p>	<p>3. 2.7</p> <p>20 surveys sent 20 returned</p>	<p>These procedures usually require more repetition for successful completion. Continued monitoring of this assessment for effectiveness.</p> <p>3. Benchmark met This item changed its means of assessment from item #10 on the Follow-Up Graduate Survey to Item #1 on the Follow-Up Graduate Survey, Positioning Skills in this cycle. Since this item's means of assessment was changed in this assessment cycle and the benchmark was met, it will continue to be monitored for effectiveness.</p>
<p>SLO 2: Students will select appropriate technical factors.</p>	<p>1. Laboratory Simulation</p> <p>Average of technique selection score on Breathing Technique comps in Procedures I.</p> <p>Breathing Technique Analysis</p>	<p>1. Average score of 80% or higher on Breathing Technique comps</p>	<p>1. Average score 96%</p>	<p>Benchmark met Breathing technique analysis was incorporated into this assessment cycle. The calculation of the average is included here.</p> <p>A battery replacement was ordered for the mobile radiographic unit in this assessment cycle.</p>

	<p>2. Clinical Competency</p> <p>Positioning section, technique selection of the for comps which require a breathing technique.</p>	<p>2. Technique selection from comp form for Transthoracic Lateral, AP Scapula, Swimmer's view T-spine and Lateral T-spine.</p>	<p>2. All students will fill out this section of the comp forms for breathing techniques.</p>	<p>2. Benchmark met</p> <p>Since all students are required to complete this section of the Clinical Competency Form, this item will be re-evaluated and changed in the next assessment cycle.</p>
<p>SLO 3: Students will practice radiation protection.</p>	<p>1. Laboratory Simulation</p> <p>Repeat Analysis form Spring 2022</p>	<p>1. 90% or higher of enrolled students in RAD 122 will meet the established criteria for radiation protection</p>	<p>1. Of the lab competency 27/27 or 100 % of students met the established criteria for radiation protection</p> <p>27 students enrolled 27/27 students met criteria</p>	<p>Benchmark met</p> <p>During this assessment cycle, Children's hospital of Alabama changed its policy on shielding of patients. Program faculty are working with the facility, and the JRCERT to find a solution that will meet both program needs and facility needs. Emails from the facility director indicate this.</p> <p>In the Fall 2022 Advisory Committee Meeting, it was agreed to table discussion regarding shielding changes until after the JRECERT's on site accreditation visit. The clinical coordinator has asked the clinical facilities for a copy of their policies</p>

	<p>2. Clinical Competency</p> <p>Positioning section, radiation protection section, of the Clinical Competency Form</p> <p>Repeat Analysis/Summary form 2022</p>	<p>2. 90% or higher of students will meet the established criteria for radiation protection.</p>	<p>2.21/21 or 100% passed the radiation protection section for all clinical comps.</p>	<p>regarding shielding on radiological examinations.</p> <p>2. Benchmark met Clinical facilities are updating their policies regarding shielding patients for examinations. As indicted by the Advisory Committee Meeting Minutes, faculty and facilities are working on policies that will work for both facility and student competencies.</p>
<p>SLO 4: Students will use effective oral communication skills.</p>	<p>Presentation in RAD 212 Radiographic Pathology component</p>	<p>Average score of 85% or higher on article review.</p>	<p>Average score 97%</p> <p>2100 possible total points</p> <p>2030 points</p> <p>21 enrolled</p> <p>2037/2100</p>	<p>Benchmark met This benchmark has been met for several assessment cycles however it reinforces many aspects of this course in addition to oral communication such as technical factors, structural vs functional, constructive vs destructive and pathological contrast. The program continues to demonstrate success in this assessment. RAD 212 course syllabi demonstrate this assessment.</p>

<p>SLO 5: Students will practice written communication skills.</p>	<p>1. Writing of an article review in RAD 136, Radiation Protection</p> <p>Empathy Assignment for the RAD 113 Patient Care course</p>	<p>1. Average Score of 85% or higher on presentation.</p> <p>2. Average score of 85% or higher</p>	<p>1. Average score 95% 21 students enrolled</p> <p>2. 100% 30 Students enrolled 30 students met the benchmark</p>	<p>Benchmark met The program has used this assessment for several cycles. The course syllabus for RAD 136 demonstrates this item. Due to the importance of written communication, the program will continue to use this item in its assessments.</p> <p>2. Benchmark met This assessment will continue to be used to demonstrate the desired outcome.</p> <p>Patient care supplies were ordered in this assessment cycle. These supplies reinforce skills for patient care.</p>
<p>SLO 6: Students will manipulate technical factors for non-routine examinations.</p>	<p>1. Exposure Lab Technique Exercises</p>	<p>1. Average score of 80% or higher</p>	<p>1. Average score 98% 21 enrolled 100 points possible</p> <p>2064/2100 2100 total points</p>	<p>1. Benchmark met The program has used this assessment for several cycles but feel it is still relative to the intended outcome. The means of assessment will be used in the next cycle.</p>

	2. Clinical Competency form, positioning section	2. 90% of students will pass clinical competencies without a repeat of positioning skills	2.18/21 students or 86% of students scored 80% or higher on this section. 21 students enrolled	<u>2. Benchmark met</u> The Repeat Analysis/ Summary form continues to indicate that students are successful in meeting the benchmark.
SLO 7: Students will develop a professional resume.	Writing a Professional Resume	85% or higher on 100% scale	21/21 or 100% of students wrote a professional resume with 85% or higher	<u>Benchmark met</u> The benchmark was met in this assessment cycle. This item has been used for several years to analysis communication skills in writing. Faculty feel that it is still relevant in the importance of professionalism.
SLO 8: Students will exhibit professional behaviors such as punctuality in the clinical setting.	Timecard	90% of students enrolled in the final semester will have less than 3 tardies per semester	20/21 or 95% of students had less than 3 tardies per semester	<u>Benchmark met</u> Reinforcing policies in each clinical education course by the clinical coordinator sending out a Fast Fact sheet to each student and clinical preceptor has reinforced attendance policies and procedures in the Radiography Student Handbook.
Plan submission date: 5/2022			Submitted by: Christie W. Bolton	

SLO 2

JEFFERSON STATE REQUISITION					
Submission Date: 30-Feb-22	Requested by: Christine Bolton/Steph Ray	Est#	5276		
Vendor # ABC05026	Est# HSB	Item#	323		
Vendor Name: Blue Ridge Imaging Technologies	Special Instructions to Purchasing Office:				
Vendor Address - include Zip Code:					
City/State/Zip:					
Vendor Phone and Fax #'s - include Area Code:	PLEASE DO NOT TYPE WITHIN THIS SPACE (For Use by Purchasing Office)				
Authorization ID #1:					
Authorization ID #2:					
Account# 100	Amount \$3,622.66	Requisition #			
0290290		Date Entered:			
6726500		Purchase Order#:			
P1004					
SPECIAL TEXT TO BE PRINTED ON P.O.: Please deliver to HSB Rm 323 4th. Christie Bolton					
LINE	QUANTITY	UNIT	UNIT PRICE	DESCRIPTION	TOTAL
1	1	EA	1,695.00	GE AMX Battery sat #AB04485123071	\$1,695.00
2	4	HR	275.00	Installation labor not to exceed 4 hours	\$1,100.00
3	1	EA	227.66	Freight	\$227.66
4				Replacing batteries necessary for equipment in RAD	
5				Quote #BR029370	
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SLO 2

SCANIA	
Student: _____	Date: _____
Faculty & Patient Preparation	
1. Explain the requisition for procedures and patient characteristics, which help prepare to read and interpret images.	1
2. Prepare patient history by providing clear, concise past and present history as requested.	1
3. Review patient position, equipment, contrast and special instructions.	1
4. Obtain patient information of name, number and department and patient throughout exam.	1
5. Obtain patient information from non-emergency patient history.	1
Procedure Details	
Control Table	Yes/No AP LAP
1. Is the table level and centered on the patient?	
2. Is the patient on the table with "X" marks?	
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Finalize Radiographic Procedure	
1. Obtain patient history	1
2. Prepare patient history as requested	1
3. Obtain patient information from non-emergency patient history	1
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Comments	
After observing the student while completing this study, I feel that this student is competent to perform this study with minimal assistance.	
Evaluator Print: _____	
Evaluator Signature: _____	
Total Practical Evaluation: _____ of 100 = _____ %	
Total Written Exam: _____ of 100 = _____ %	
Total Competency Grade: _____ Pass or Fail	
Was this a repeat, yes or no?	
Student Signature/Date: _____	Instructor Signature/Date: _____

SLO 3

College update	The college is preparing for the report for its SACSCOC accreditation. Program faculty have participated in this report by completing the JSCC assessment record.
Review of committee officers	Mr. Jeff McGough has agreed to continue his role as the committee chairperson.
Review of Shielding Policy	Ms. Ferguson has asked the clinical facilities for a copy of their shielding policy. It was agreed to table the concerns regarding shielding policy changes until after the JRCERT's accreditation site visit in January.
Upcoming Dates	<p>JRCERT on site visit January 23 and 24, 2023</p> <p>St. Vincent's Birmingham and BMC Princeton were the clinical facilities that were chosen to be visited by the JRCERT site visit team. See time schedule previously mentioned.</p> <p>Clinical preceptors from the following clinical sites are required to be available on campus on Jan 23, 2023 at 11:30 for a luncheon and interview by the site visit team.</p> <p>VA Brookwood Grandview Shelby St. Vincent's East St. Vincent's St. Clair St. Vincent's Chilton Kirklin Clinic UAB Highlands</p>

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SLO 4

Sept 7th Image Analysis of the Chest and Abdomen

Sept 14th **Exam # 1** (Guidelines for Image Analysis & Visibility of Details)

Sept 21st Upper Extremity, Shoulder, Sternum & Ribs

Sept 28th Lower Extremity, Hip & Pelvis

Oct 5th **Exam # 2** (Chest & Abdomen)

Oct 12th All Spines, Sacrum & Coccyx

Oct 19th **Introduction to Pathology & Respiratory System**

Oct 26th **Exam # 3** (Upper Extremity, Shoulder, Sternum & Ribs)
Skeletal System & Various Pathological Systems

Nov 9th **Exam # 4** (Lower Extremity, Hip & Pelvis)

