

Assessment: Course Four Column

Courses (HHS) - Radiology Technology

RAD 124:Rad Photography/Technique

Course Outcomes	Assessment Measures	Results	Actions
<p>Essential criteria and utilize problem-solving methods for image analysis and improvement - Evaluate and assess radiographic images for essential evaluation criteria and utilize problem-solving methods for image analysis and improvement.</p> <p>Course Outcome Status: Active</p> <p>Next Assessment: 2022-2023</p>	<p>Exam - 1. Discussion/lab activities 2. Workbook 3. Online quizzes 4. Chapter Exams 5. Final Exam</p> <p>Criterion: 6. Lab and discussion participation should be 100%</p> <p>7. workbooks should be completed with a 90% or higher. 8. online quizzes should be completed with a 76% or higher. 9. chapter exams should be completed with a 76% or higher. 10. final exams should be completed with a 76% or higher.</p>	<p>Reporting Period: 2017-2018</p> <p>Criterion Met: No</p> <p>1. 9/9 students participated in discussion and lab activities 100% of the time. 2. 8/9 of workbooks were completed with a 90% or higher. 1 workbook score was a 50% due to incompleteness by due date. 3. 5/9 students completed all 11 online quizzes with a 76% or higher. Of the three who did not, 1 student completed 8/11 with a 76% or higher, and 3 students completed 10/11 with a 76% or higher. 4. 6/9 students completed all 11 chapter exams with a 76% or higher. The other three students each completed 10/11 exams with a 76% or higher. 5. 8/9 final exams were completed with a 76% or higher. One student completed the final with a 66% and received counseling on her performance.</p> <p>Results Analysis:</p> <p>1. Discussion and lab participation proved essential in building competency. 2. 94% of all online quizzes and 97% of all chapter exams were successfully completed with a 76% or above. This is a relatively good result with room for improvement. 3. Exam scores improved after a proctoring process was implemented rather than taking them in class. 4. The student who failed the most quizzes also had the incomplete workbook indicating a lack of time</p>	<p>Action: 1. Course instruction will continue to include thorough discussion of positioning criteria and its relationship to evaluation criteria on all body parts in all images. Students will be encouraged to seek out additional instruction or lab time when necessary. Additional time will be spent in the lab exploring the relationships between positioning, technique and image outcome. 2. Chapter exams will be proctored with a 2 hour time limit. 3. Students will be counseled after any failed chapter exam. (01/14/2019)</p>

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<p>Elements of a diagnostic image, the role of the radiographer and methods for obtaining quality images - Identify the elements of a diagnostic image, the role of the radiographer and methods for obtaining quality images.</p> <p>Course Outcome Status: Active</p> <p>Next Assessment: 2022-2023</p>	<p>Exam - 1. Discussion/lab participation 2. Workbook 3. Online quizzes 4. Chapter Exams 5. Final Exam</p> <p>Criterion: 1. Lab and discussion participation should be 100% 2. workbooks should be completed with a 90% or higher. 3. online quizzes should be completed with a 76% or higher. 4. chapter exams should be completed with a 76% or higher. 5. final exams should be completed with a 76% or higher</p>	<p>commitment to the course. (01/14/2019)</p> <p>Reporting Period: 2017-2018 Criterion Met: No</p> <ol style="list-style-type: none"> 9/9 students participated in lab and discussion activities 100% of the time. 8/9 of workbooks were completed with a 90% or higher. 1 workbook score was a 50% due to incompleteness by due date. 5/9 students completed all 11 online quizzes with a 76% or higher. Of the three who did not, 1 student completed 8/11 with a 76% or higher, and 3 students completed 10/11 with a 76% or higher. 6/9 students completed all 11 chapter exams with a 76% or higher. The other three students each completed 10/11 exams with a 76% or higher. 8/9 final exams were completed with a 76% or higher. One student completed the final with a 66% and received counseling on her performance. <p>Results Analysis:</p> <ol style="list-style-type: none"> Discussion and lab participation proved essential in building competency in image evaluation. Workbooks provided excellent practice leading to more information retention. 94% of all online quizzes and 97% of all chapter exams were successfully completed with a 76% or above. Overall, this indicates students successfully applied the knowledge gained in the course. Exam scores improved after a proctoring process was implemented rather than taking exams in class. The final exam nearly met criteria. It was a lengthy test that should be narrowed down slightly. (01/14/2019) 	<p>Action: 1. Course instruction will continue to include discussion and implementation of positioning criteria, followed by evaluation of images to determine if positioning was appropriate. Students will be encouraged to seek out additional instruction or lab time when necessary. More class time will be spent in the lab identifying positioning alterations that will improve image quality.</p> <ol style="list-style-type: none"> All chapter exams will be proctored with a 2 hour time limit. Students will be counseled after any failed chapter exam. Workbook checks will be completed more frequently to encourage students to stay up to date. (01/14/2019)
<p>Demonstrate specific anatomy and verbalize corrective actions for procedural problems - Demonstrate appropriate technical factors and positioning techniques necessary to demonstrate specific anatomy and verbalize corrective actions for</p>	<p>Exam - 1. Discussion/ Lab participation 2. Chapter Exams 3. Final Exams</p> <p>Criterion: 1. Lab and discussion participation should be 100%</p>	<p>Reporting Period: 2017-2018 Criterion Met: No</p> <ol style="list-style-type: none"> 9/9 students actively participated in all lab and discussion opportunities. 6/9 students completed all 11 chapter exams with a 76% or higher. The other three students each completed 	<p>Action: 1. Course instruction will continue to include discussion and implementation of positioning criteria, followed by evaluation of images to determine if positioning was appropriate.</p>

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<p>procedural problems, such as poor positioning, inadequate technical factors or unusual patient condition or habitus.</p> <p>Course Outcome Status: Active Next Assessment: 2022-2023</p>	<p>2. chapter exams should be completed with a 76% or higher.</p> <p>3. final exams should be completed with a 76% or higher</p>	<p>10/11 exams with a 76% or higher.</p> <p>3. 8/9 final exams were completed with a 76% or higher. One student completed the final with a 66% and received counseling on her performance.</p> <p>Results Analysis:</p> <p>1. Discussion and lab participation proved essential in building competency and skill in adjusting techniques.</p> <p>2. 97% of chapter exams were completed with a 76% or greater. Performance improved when exams were proctored rather than completed in class.</p> <p>3. Final exam was lengthy but accurately assessed student knowledge of image evaluation and ability to apply that knowledge. (01/14/2019)</p>	<p>Students will be encouraged to seek out additional instruction or lab time when necessary. More class time will be spent in the lab identifying the effects of changing technical factors on image outcome.</p> <p>2. All chapter exams will be proctored with a 2 hour time limit.</p> <p>3. Students will be counseled after any failed chapter exam. (01/14/2019)</p>
<p>Analyze digital radiographic images - Analyze digital radiographic images for sensitivity factors, artifacts, brightness and contrast.</p> <p>Course Outcome Status: Active Next Assessment: 2022-2023</p>	<p>Exam - 1. Lab and discussion participation</p> <p>2. Chapter Exams</p> <p>3. Final Exam</p> <p>Criterion: 1. Lab and discussion participation should be 100%</p> <p>2. chapter exams should be completed with a 76% or higher.</p> <p>3. final exams should be completed with a 76% or higher</p>	<p>Reporting Period: 2017-2018 Criterion Met: No</p> <p>9/9 students actively participated in all lab and discussion opportunities.</p> <p>2. 6/9 students completed all 11 chapter exams with a 76% or higher. The other three students each completed 10/11 exams with a 76% or higher.</p> <p>3. 8/9 final exams were completed with a 76% or higher. One student completed the final with a 66% and received counseling on her performance.</p> <p>Results Analysis:</p> <p>1. Discussion and lab participation proved essential in building competency and improving student ability to identify technical adjustment to improve sensitivity/brightness and contrast.</p> <p>2. 97% of chapter exams were completed with a 76% or greater. Performance improved when exams were proctored rather than completed in class. (01/14/2019)</p>	<p>Action: 1. Course instruction will continue to include discussion and implementation of positioning criteria, followed by evaluation of images to determine if positioning was appropriate and technical selections were accurate. Students will be encouraged to seek out additional instruction or lab time when necessary. More class time will be spent in the lab identifying the effects of changing technical factors on image outcome.</p> <p>2. All chapter exams will be proctored with a 2 hour time limit.</p> <p>3. Students will be counseled after any failed chapter exam. (01/14/2019)</p>
<p>Identify anatomy, positioning procedures and pathology present on an image - Identify anatomy, positioning procedures and pathology present on an image.</p> <p>Course Outcome Status: Active</p>	<p>Exam - 1. Lab and discussion participation</p> <p>2. Workbook</p> <p>3. Chapter Exams</p> <p>4. Final Exam</p> <p>Criterion: 1. Lab and</p>	<p>Reporting Period: 2017-2018 Criterion Met: No</p> <p>1. 9/9 students actively participated in all lab and discussion opportunities.</p> <p>2. 8/9 of workbooks were completed with a 90% or higher. 1 workbook score was a 50% due to incompleteness by</p>	<p>Action: 1. Course instruction will continue to include discussion and implementation of positioning criteria, followed by evaluation of images to determine if positioning was appropriate and</p>

<i>Course Outcomes</i>	<i>Assessment Measures</i>	<i>Results</i>	<i>Actions</i>
<p>Next Assessment: 2022-2023</p>	<p>discussion participation should be 100%</p> <p>2. workbooks should be completed with a 90% or higher.</p> <p>3. chapter exams should be completed with a 76% or higher.</p> <p>4. final exams should be completed with a 76% or higher</p>	<p>due date.</p> <p>3. 6/9 students completed all 11 chapter exams with a 76% or higher. The other three students each completed 10/11 exams with a 76% or higher.</p> <p>4. 8/9 final exams were completed with a 76% or higher. One student completed the final with a 66% and received counseling on her performance.</p> <p>Results Analysis:</p> <p>1. Discussion and lab participation proved essential in building competency and improving student ability to identify technical adjustment to improve sensitivity/brightness and contrast to maximize image outcome and minimize patient dose.</p> <p>2. Workbook completion appeared to help student perform better on quizzes and exams.</p> <p>3. 97% of chapter exams were completed with a 76% or greater. Performance improved when exams were proctored rather than completed in class. (01/14/2019)</p>	<p>technical selections were accurate. Students will be encouraged to seek out additional instruction or lab time when necessary. More class time will be spent in the lab identifying anatomy and pathology.</p> <p>2. All chapter exams will be proctored with a 2 hour time limit.</p> <p>3. Students will be counseled after any failed chapter exam (01/14/2019)</p>