Assessment: Course Four Column

Courses (HHS) - Radiology Technology

RAD 128:Imaging Equipment

Course Outcomes	*Assessment Measures*	*Results*	*Actions*
Digital imaging equipment - Understand and be able to explain digital imaging equipment. **Course Outcome Status:** Active **Next Assessment:** 2016-2017, 2021-2022 **Start Date:** 12/10/2013	**Quiz -** Module 5 Quiz Extraction of the digital image. **Criterion:** All students must achieve 75% or above.	**Reporting Period:** 2016-2017 **Criterion Met:** Yes All students met the criterion for achievement. The lowest score was 90% (02/07/2018)	**Action:** The online modules and quiz completion and criterion achievement demonstrate student understanding of digital imaging equipment. (02/07/2018)
X-ray tube circuitry - Draw and identify x-ray tube circuitry. **Course Outcome Status:** Active **Next Assessment:** 2021-2022 **Start Date:** 09/05/2017	**Quiz -** Circuit Quiz **Criterion:** All students must achieve 75% or above.	**Reporting Period:** 2016-2017 **Criterion Met:** No One student did not meet the 75% or above criteria. (02/07/2018)	**Action:** There was a review of circuitry in class with all students and the student who was below repeated the drawing, however, the grade was not changed, but competency was met. This will be reviewed again during board review. Due to the importance of understanding the x-ray circuitry, this component will be kept. (02/07/2018)
Radiographic equipment regarding function, purpose and application - Discuss radiographic equipment regarding function, purpose and application. **Course Outcome Status:** Active	**Performance/Presentation -** Fluoroscopy Model and Presentation **Criterion:** All students must achieve 75% or above.	**Reporting Period:** 2016-2017 **Criterion Met:** Yes All students met the criterion for achievement. The lowest score was 94% (02/07/2018)	**Action:** This assignment will be kept for oral communication assessment along with the understanding of the parts of the fluoroscopy equipment. (02/07/2018)

Course Outcomes	Assessment Measures	Results	Actions
Next Assessment: 2021-2022 **Start Date:** 09/05/2017			
Image intensification and fluoroscopy - Discuss image intensification and fluoroscopy. **Course Outcome Status:** Active **Next Assessment:** 2021-2022 **Start Date:** 09/05/2017	**Quiz -** Fluoroscopy and Surgery Quiz **Criterion:** All students must achieve 75% or above.	**Reporting Period:** 2016-2017 **Criterion Met:** Yes All students met the criterion for achievement. The lowest score was 94% (02/07/2018)	**Action:** This quiz demonstrates understanding of the equipment and operation of the fluoroscopy and image intensification components of radiology. (02/07/2018)
Imaging modalities in diagnostic imaging - Discuss other imaging modalities in diagnostic imaging. **Course Outcome Status:** Active **Next Assessment:** 2021-2022 **Start Date:** 09/05/2017	**Quiz -** Mammography quiz **Criterion:** All students must achieve 75% or above.	**Reporting Period:** 2016-2017 **Criterion Met:** Yes All students met the criterion for achievement. The lowest score was 90% (02/07/2018)	**Action:** These quizzes demonstrate understanding of other modalities (mammography, interventional radiology and cardiac catherizaiton) in the diagnostic imaging field. (02/07/2018)
	Quiz - Cardiac and IR Quiz **Criterion:** All students must achieve 75% or above.	**Reporting Period:** 2016-2017 **Criterion Met:** Yes All students met the criterion for achievement. The lowest score was 88% (02/07/2018)	
Appearance of different tissues on medical images - Understand the appearance of different tissues on medical images. **Course Outcome Status:** Active **Next Assessment:** 2021-2022 **Start Date:** 09/05/2017	**Assignment - Written -** Mystery Box Submission **Criterion:** All students must achieve 75% or above.	**Reporting Period:** 2016-2017 **Criterion Met:** Yes All students met the criterion for achievement. The lowest score was 90% (02/07/2018)	**Action:** All student were be able to identify the different items from an image and the items atomic number resulting in different shades of gray. This assignment will be continued (02/07/2018)