

**YTC CRITICAL THINKING RUBRIC
RAD 130 Workbook Image analysis**

	Advanced - 4	Competent - 3	Developing - 2	Elementary- 1	Score ____
Identify	Student identifies image projection and error/errors correctly and in entirety. Student provides analysis in proper radiography medical terms.	Student identifies image projection/position correctly. Identifies error/errors correctly but fails to utilize proper related radiographic positioning terminology to do so.	Student identifies image projection/position correctly. Has limited or incomplete error recognition and fails to utilize proper related radiographic positioning terminology.	Student fails to identify projection/position correctly and/or incorrect error recognition.	
Gather	Student demonstrates understanding of correct procedure for examination by stating standard image criteria when properly performed.	Student demonstrates an entry-level of understanding of correct procedure for examination but is incomplete in providing all relative criteria.	Student demonstrates limited details regarding correct procedure for examination. *Lacks clear concept of process or criteria. * Information provided is conflicting.	Student fails to demonstrate correct imaging procedure for standard method. No criteria or incorrect criteria mentioned.	
Examine	Student examines and provides correct evidence of cause/causes for errors in image positioning by detailed comparison with proper image criteria using anatomical relationships and features of correctly positioned exam.	Student provides cause/causes for errors in image positioning correctly, however, provides only limited comparative support for assumption with evidence of anatomical relationships related to substandard image.	Student provides cause/causes for errors in image positioning correctly however, failed to provide any comparative support for assumption with evidence of anatomical relationships related to sub-standard image.	Student is unable to provide cause/causes for errors in image positioning with any accuracy. No comparative support provided or inaccurate assessment of anatomical relationship for evidence.	
Formulate	Student formulates concrete solution for corrective requirements to bring image into compliance for all relevant factors. Also suggests alternatives.	Student formulated possible solution/solutions for corrective measures needed to bring image into compliance for most relevant factors. No alternatives offered.	Student formulated several solutions including a correct one however, not all were relevant or accurate in corrective measures to bring image into compliance. Ideas not clear or concise in nature.	Student unable to formulate any possible solutions. *Student solution entirely inaccurate.	
Apply	Student accurately discusses how the patient positioning modifications, CR location, technical factor changes, and accessories associated will be carried out using all proper radiographic terms in specific terms and detail.	Student accurately discusses positioning modification execution and appropriate technical factor changes but fails to include all categories if required OR fails to utilize radiographic terminology in detail.	Student inaccurately discusses positioning modification execution and/or technical factor changes. *Radiographic terminology not utilized.	Student fails to provide a discussion of the needed positioning modifications entirely.	

Evaluate	Student accurately discusses the resultant affect on the image as a result of the applied corrections correctly. Ideas are concise.	Student has limited discussion of resultant affect on image following application of corrections. Ideas are concise.	Student has limited discussion of resultant affect on image following application of corrections but ideas are ill formed and not concise.	Student provides no discussion of affect corrections have upon image.	
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