

# Course Competency

## MEA 0258 RADIOLOGY -MED ASTNG

### Course Description

This course focuses on the basic principles of x-ray, film handling and processing, radiographic technique, and radiation biology. The course prepares the student to take the examination given by the Florida Department of Professional Regulations (DP R) for the Basic Radiographer License. Special fee . (90 contact hours)

Course Competency	Learning Outcomes
<p><b>Competency 1:</b>The student will demonstrate knowledge of radiographic equipment by:</p>	<ol style="list-style-type: none"> <li>1. Communication</li> <li>2. Numbers / Data</li> <li>3. Critical thinking</li> <li>4. Cultural / Global Perspective</li> <li>5. Computer / Technology Usage</li> <li>6. Aesthetic / Creative Activities</li> </ol>
<ol style="list-style-type: none"> <li>1. Explaining parts of an x-ray machine</li> <li>2. Describing how an x-ray machine works</li> <li>3. Identifying accessories used for obtaining proper x-rays</li> </ol>	
<p><b>Competency 2:</b>The student will be able to properly position patient for x-ray by:</p>	<ol style="list-style-type: none"> <li>1. Communication</li> <li>2. Cultural / Global Perspective</li> <li>3. Social Responsibility</li> <li>4. Ethical Issues</li> <li>5. Computer / Technology Usage</li> <li>6. Aesthetic / Creative Activities</li> <li>7. Environmental Responsibility</li> </ol>
<ol style="list-style-type: none"> <li>1. Identifying bones in the human body</li> <li>2. Positioning patient correctly on the x-ray table</li> <li>3. Applying HIPAA when performing x-rays</li> </ol>	
<p><b>Competency 3:</b>The student will identify good quality on x-ray films by:</p>	<ol style="list-style-type: none"> <li>1. Numbers / Data</li> </ol>

	<ol style="list-style-type: none"><li>2. Critical thinking</li><li>3. Information Literacy</li><li>4. Ethical Issues</li><li>5. Computer / Technology Usage</li><li>6. Environmental Responsibility</li></ol>
<ol style="list-style-type: none"><li>1. Evaluating film mA, kVp, and time</li><li>2. Evaluating film abnormalities</li><li>3. Performing corrective techniques for good quality film</li></ol>	

Updated: FALL TERM 2022