Radiography Learning Outcomes

Upon completion of the didactic, clinical objectives, competency requirements and liberal arts courses, the student (graduate) should be able to:

- Use professional oral and written medical communication.
- Demonstrate knowledge of human structure, function, and disease.
- Provide patients with the proper level of care and comfort.
- Apply principles of body mechanics in the movement of our patients.
- Perform basic mathematical functions needed to determine technical exposure factors needed.
- Operate radiographic imaging equipment and accessory devices in a safe manner.
- Position the patient and imaging system to perform radiographic examination and procedures.
- Modify standard procedures to accommodate for patient condition and other variables.
- Use the computer system to create radiographic images (PACS).
- Create images using computed or digital radiography.
- Determine exposure factors to obtain low exposure after obtaining patient measurement.
- Practice radiation protection for the patient, self, and others.
- Recognize emergency patient conditions and assist staff as directed.
- Evaluate radiographic images for appropriate positioning and image quality.
- Evaluate the performance of radiographic systems, know the safe limits of equipment operation, & report malfunctions to the proper authority.
- Demonstrate knowledge and skills relating to Quality Assurance.
- Exercise independent judgment and discretion in the technical performance of medical imaging procedures.