## DEPT. RADT

### COURSE NUMBER: 1105

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<th>Course Title:</th>
<th>Radiographic Basics</th>
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### Catalog Description:
Radiographic Basics provides the student with an overview of radiography and its role within the health care delivery system. A radiographer’s responsibilities will be outlined. Students will be oriented to personnel in diagnostic imaging and to the profession. Basic x-ray equipment design and types of diagnostic imaging examinations performed will be introduced.

### Prerequisites or Necessary Entry Skills/Knowledge:
None.

### Topics to be Covered
- Radiographer role
- Modalities in radiologic technology
- Diagnostic imaging equipment
- Image quality factors
- Procedure and positioning guidelines for upper extremity

### Student Learning Outcomes
- Discuss the role of radiographers in the health care delivery system and the health care team.
- Discuss the different career opportunities available in and through radiologic technology including radiologic technology education.
- Explain basic x-ray tube components and operation.
- Explain basic radiographic image quality factors.
- Perform basic level procedures in positioning, equipment manipulation, and exam criteria.

### Is this course part of a transfer pathway: Yes ☐ No ☒

Revised Date: 11/2021