Faculty members are required to have the outline submitted to the Academic Affairs Office. The course outline is the form used for approval of new courses by the Academic Affairs and Standards Council.

**DEPT. RADT COURSE NUMBER:** 1100

**NUMBER OF CREDITS:** 3 credits  **Lecture:** 2  **Lab:** 1  **OJT** NA

<table>
<thead>
<tr>
<th>Course Title:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Radiography &amp; Patient Care</td>
</tr>
</tbody>
</table>

**Catalog Description:**
Provide the basic concepts of patient care in radiography as well as introduce to radiology, radiology as a career, radiologic technologist roles, and radiologic technology education. The role of the radiographer will be identified as well as basic information regarding making radiographic exposures.

**Prerequisites or Necessary Entry Skills/Knowledge:**
NA

**FULFILLS MN TRANSFER CURRICULUM AREA(S) (Leave blank if not applicable)**
Goal 1: Communication: _____ by meeting the following competencies:

Goal 2: Critical Thinking: _____ by meeting the following competencies:

Goal 3: Natural Sciences: _____ by meeting the following competencies:

Goal 4: Mathematics/Logical Reasoning: _____ by meeting the following competencies:

Goal 5: History and the Social and Behavioral Sciences: _____ by meeting the following competencies:

Goal 6: The Humanities and Fine Arts: _____ by meeting the following competencies:

Goal 7: Human Diversity: _____ by meeting the following competencies:

Goal 8: Global Perspective: _____ by meeting the following competencies:

Goal 9: Ethical and Civic Responsibility: _____ by meeting the following competencies:

Goal 10: People and the Environment: _____ by meeting the following competencies:
### Student Learning Outcomes

1. Describe the scope of practice for the radiographer as defined by the ASRT.
2. Demonstrate appropriate patient care techniques.
3. Determine environmental safety procedures.
4. Recognize medical emergencies and traumatic injuries.
5. Manipulate equipment for all radiographic procedures.
6. Demonstrate basic understanding of radiation protection and ALARA principle.
7. Identify characteristics of a quality radiograph.
8. Describe basic components of image production.
9. Explain the basic concepts of pharmacology and the drugs used in radiology.

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

*If yes, please list the competencies below

---

Revised Date: 08/19/20