

**Execute COURSE OUTCOME MATRIX
COURSE SYLLABUS
PART 2 of 3**

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| Course Number and Title | CT 270 Clinical II |
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| Credit Hours | 4 |
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| Course Description | This course is taught in the clinical setting and requires application, with moderate to close supervision. This is the first of two clinical practicums, each one corresponding to a didactic procedure protocol course with specific focus areas. The clinical practicum is designed so the student will observe, assist, and perform basic patient care and a wide variety of technological procedures as specified by the American Registry of Radiologic Technologists, (ARRT). The ARRT Computed Tomography Clinical Experience Requirements describe the specific eligibility requirements that must be documented as part of the application for certification and registration process. The purpose of the clinical experience requirements is to verify that candidates have completed a subset of the clinical procedures within a discipline. |
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| Prerequisite(s) and/or Corequisite(s) | CT 265 and Admission to the Radiologic Technology program and ARRT or ARRT eligible or permission of the program coordinator None |
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Required Textbooks/References/Course Materials:
None.

| General Education Outcomes | |
|-----------------------------------|---|
| 1 | Utilize written and verbal language to discuss and comprehend information, incorporating a variety of technologies, such as text, data, and images (written language, verbal language, and information technology). |
| 2 | Identify and interpret relevant information in order to formulate an opinion or conclusion (critical thinking). |
| 3 | Demonstrate and communicate computational methods and mathematical reasoning in a variety of formats (using words, tables, graphs, mathematical equations, etc., as appropriate) (quantitative literacy and fluency). |
| 4 | Communicate in appropriate ways with those who are culturally diverse (intercultural competence). |

| Program/Department Outcomes | |
|------------------------------------|---|
| 1 | Prepare students to become safe and competent radiographers. |
| 2 | Provide educational opportunities for students to possess critical thinking skills. |
| 3 | Demonstrate responsible professional attitudes and behaviors. |
| 4 | Use effective communication. |

| | Course Outcomes (CO) | Bloom's Domain for CO (C, A, P), Category, and Level | Program/ Department Outcome(s) | Written Language | Verbal Language | Information Technology | Critical Thinking | Quantitative Literacy and Fluency | Intercultural Competence |
|---|---|--|--------------------------------|------------------|-----------------|------------------------|-------------------|-----------------------------------|--------------------------|
| 1 | Execute basic care | P Imitate 1 | 1-4 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | Perform full CT procedures according to clinical site(s) protocols with focus on thorax, abdomen, pelvis, musculoskeletal and any specialized procedures. | P Embody 5 | 1-4 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 | Complete a required number of CT procedures adhering to ARRT guidelines for completion including evaluating images. | P Perfect 3 | 1-4 | 1 | 1 | 1 | 1 | 1 | 1 |
| 4 | Observe quality assurance procedures | P Imitate 1 | 4 | 1 | 1 | 1 | 0 | 0 | 0 |

Bloom's Domain Legend

C = Cognitive
A = Affective
P = Psychomotor

General Education Outcome Legend

2 = Included and Measurable
1 = Introduced and/or Minimally Addressed and Not Measurable
0 = Not included

Approved: May 2021
Reviewed: October 29, 2021