

COURSE OUTCOME MATRIX

COURSE SYLLABUS

PART 2 of 3

Course Number and Title	RA 100 Introduction to Radiologic Technology
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Credit Hours	3
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Course Description	This course will introduce the student to the medical imaging profession. It will identify other health profession, operations of imaging and health care systems, certification and career opportunities. In addition, medical terminology, patient care and basic radiation protection will be emphasized.
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Prerequisite(s) and/or Corequisite(s)	Admission to the program None
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Required Textbooks/References/Course Materials:

Introduction to Radiologic and Imaging Sciences and Patient Care - With Access	7th	Adler, Arlene M.	Elsevier Science	0323566715
Medical Terminology: A Short Course	8th	Davi-Ellen Chabner	Elsevier Science	032344492X

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	Recall medical terminology	C Remembering 1	4	1	1	1	0	0	0
2	Distinguish health care systems and departments.	C Understanding 2	1	1	1	1	0	0	0
3	Identify career opportunities and certification and its importance to medical imaging.	C Remembering 1	3	1	1	1	0	0	0
4	Describe basic radiation protection measures.	C Evaluating 5	4	1	1	1	1	0	0
5	Recognize basic patient care	C Remembering 1	1	1	1	1	1	1	1
6	Discuss diversity.	A Responding to Phenomena 2	3	1	1	1	1	0	1

Bloom's Domain Legend

C = Cognitive

A = Affective

P = Psychomotor

4

1-4

2-4

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