Course Number and Title	CT 267 Computed Tomography Pathology

Credit Hours	3

Course Description	This course provides thorough coverage of common diseases and trauma associated with the body systems. Each disease or trauma process is examined from its description, etiology, symptoms and diagnosis. Emphasis is placed on the characteristic manifestations of these pathologies on CT images.

Prerequisite(s) and/or Corequisite(s)	Admission to the Radiologic Technology program and ARRT or ARRT eligible or permission of the program coordinator
	None

Required Textbooks/References/Course Materials:

CT & MRI Pathology: A Pocket Atlas	2nd	M. Grey, J. Ailinani	McGraw-Hill Medical	0071703195

	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	Describe common diseases and trauma for body systems.	C Remembering 1	1,2,4	1	1	1	1	0	1
2	Distinguish diseases and trauma processes by description, etiology, symptoms and diagnosis	C Analyzing 4	1,2,4	1	1	1	1	0	1
3	Identify characteristic manifestation of pathologies on CT images.	C Analyzing 4	1,2,4	1	1	1	1	0	1

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
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