



Course Information

Course Title	Radiographic Pathology
Course Prefix, Num. and Title	RADR 2117 Radiographic Pathology
Division	Allied Health
Department	Radiologic Technology
Course Type	WECM Course
Course Catalog Description	Disease processes and their appearance on radiographic images. A minimum grade of "C" is required to pass this course.
Pre-Requisites	RADR 2205 and RADR 1267 with a C or better.
Co-Requisites	None

Semester Credit Hours

Total Semester Credit Hours (SCH): Lecture Hours:	1:1:1
Lab/Other Hours	
Equated Pay Hours	1.5
Lab/Other Hours Breakdown: Lab Hours	1
Lab/Other Hours Breakdown: Clinical Hours	0
Lab/Other Hours Breakdown: Practicum Hours	0
Other Hours Breakdown	0

Approval Signatures

Title	Signature	Date
Prepared by:		
Department Head:		
Division Chair:		
Dean/VPI:		
Approved by CIR:		

Additional Course Information

Topical Outline: Each offering of this course must include the following topics (be sure to include information regarding lab, practicum, and clinical or other non-lecture instruction).

1. Definitions/ Terminology
 - a. Pathology
 - b. Disease
 - c. Pathogenesis
 - d. Etiology
 - e. Diagnosis
 - f. Prognosis
 - g. Indications for procedure
 - h. Manifestations of pathology
 - i. Relevance to radiographic procedures
2. Classifications (define, examples, sites, complications, prognosis)
3. Causes of Disease (Process, Examples)
 - a. Pathological
 - b. Traumatic
 - c. Surgical
 - d. Healing process
 - e. Complications
 - f. Genetics vs. heredity
4. Radiologic Pathology(definitions, etiology, examples, sites, complications, prognosis, radiographic appearance, procedural and technical considerations, appropriate imaging modality)
 - a. Skeletal
 - b. Digestive
 - c. Respiratory
 - d. Urinary
 - e. Reproductive
 - f. Circulatory
 - g. Endocrine
 - h. Nervous

Course Learning Outcomes:

Learning Outcomes – Upon successful completion of this course, students will:

Classify types of diseases; explain the pathogenesis of common diseases; differentiate between normal and abnormal radiographic findings; and correlate normal and abnormal radiographic findings.

Methods of Assessment:

Final Comprehensive exam.
Research Paper/ Oral Presentation

Required text(s), optional text(s) and/or materials to be supplied by the student:

Kowalczyk, N. Radiographic Pathology for Technologists, Latest Edition, Elsevier
Jump Drive for research paper/power point presentation.

Suggested Course Maximum:

18

List any specific or physical requirements beyond a typical classroom required to teach the course.

The Radiology Classroom and Energized X-ray lab.

Course Requirements/Grading System: Describe any course specific requirements such as research papers or reading assignments and the generalized grading format for the course.

Unit Exams	40%
Pathology Presentation (Oral and Written)	20%
Reading Reports (4)	10%
Poster Project	10%
Final Exam	20%

100-92	A
91-83	B
82-75	C
74.9 and below	F

Curriculum Checklist:

- Administrative General Education Course** (from ACGM, but not in WCJC Core) – No additional documents needed.
- Administrative WCJC Core Course.** Attach the Core Curriculum Review Forms
 - Critical Thinking
 - Communication
 - Empirical & Quantitative Skills
 - Teamwork
 - Social Responsibility
 - Personal Responsibility
- WECM Course** -If needed, revise the Program SCANS Matrix and Competencies Checklist