

**Trevecca Nazarene University
Physician Assistant Program
Radiograph Interpretation
Spring 2007
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I. PURPOSE:

This course introduces physician assistant students to the fundamentals of radiographic interpretation and prepares them to discriminate between normal, common variations of normal, and abnormal plain radiographs. PA students must develop a high degree of radiographic literacy to communicate with radiologists and medical specialists.

II. TEXT REQUIRED:

Squire's Fundamentals of Radiology, 6th Edition
Robert A. Novelline, MD
Harvard University Press

III. RESOURCES:

Web site:

<http://lbstack.com/trevecca>

IV. OUTCOMES:

Students will be able to appropriately order and interpret common radiographic diagnostic studies seen in most typical physician assistant practices. Students should be able to effectively communicate radiographic findings to other medical colleagues. The goal is for you to feel confident and prepared to continue learning on your rotations.

V. OBJECTIVES:

Preparing students to order and interpret common diagnostic studies. The student is to recognize normal features and abnormal signs and features of the chest, lung, lung consolidations/pulmonary nodules, diaphragm, pleural space, pulmonary embolism, lung overexpansion, lung collapse (pneumothoraces), mediastinal shift, mediastinum, heart, abdomen, bowel gas pattern, contrast study, abdominal organs, musculoskeletal system, women, children, and the vascular system.

VI. COURSE REQUIREMENTS:

Reading assignments for class are in section XI below of the syllabus. Reading the chapters before class is recommended, but not mandatory, and will make the classroom learning experience more efficient and educational.

ATTENDANCE POLICY: class attendance is monitored and assessed by each faculty member. Class attendance is expected of every student in every course. Any penalty for absences will be stated in the course syllabus below. Any student missing more than one or two class meetings may be penalized. Any student who believes that absenteeism is beyond their control should request a meeting with the faculty member and the program director to discuss the student's curriculum plan when the penalty for absenteeism will prevent them from passing the course with a 75% average. Students may be required to submit documentation for unavoidable absences.

Attendance to all classes is expected by everyone. Should you need to miss a class, I need to be notified prior to class. I expect full attention while in class and all cell phones/pagers need to be off. This is a short amount of time to do A LOT of work and learning.

VII. COURSE EVALUATION:

Midterm=50 points

Final=50 points

Final Exams will be given during the University's final exam week. The PA Program will develop and distribute a schedule for the week of final exams. This schedule will not be changed.

VIII. GRADING SCALE:

95-100 = A

92-94 = A-

89-91 = B+

86-88 = B

83-85 = B-

80-82 = C+

75-79 = C

70-74 = D

A grade below 75 will require a corrective action plan for course make-up.

IX. REMEDIATING POLICY:

Students who do not earn a passing grade on a course exam are eligible to remediate that exam. Remediation is limited to 50% of the number of exams for the course. Exclusions from remediation are the final exam, quizzes, cases, projects, reports, etc. Only one attempt at remediation is allowed for any given exam. The remediation exercise is intended to provide the student an opportunity to re-evaluate their approach and thought processes related to a given question and/or material. The course instructor will develop remediation plans. An assessment of (S)atisfactory or (U)nsatisfactory will be applied to the remediation work. In the event of a (S)atisfactory assessment, the grade for the exam will be raised to the "C" cutoff. In the event of an (U)nsatisfactory assessment, the

original exam grade will stand.

X. FAIR NOTICE STATEMENT:

The course instructor reserves the right to revise the learning objectives, reading assignments, assessments, and content scheduling to best meet the course outcomes. All changes in the syllabus will be given in writing to the students and become effectively immediately.

XI. READING ASSIGNMENT SCHEDULE:

Prior to January 11, 2007 Chapters 1, 2, 3
January 11, 2007 - Chapters 4, 5, 6
January 18, 2007 - Chapters 7, 8, 9, 10
January 31, 2007 – Chapters 11, 12
February 9, 2007 – Chapters 13, 14
February 27, 2007 - MIDTERM EXAMINATION
March 12, 2007 – Chapter 15
March 14, 2007 – Chapter 16
April 16, 2007 – Chapters 17, 18
April 27, 2007 – Review for final examination
April 30, 2007- FINAL EXAMINATION

XII. EXTRA HELP

Please contact me immediately if you need extra help. My home phone is 615-221-4147. My office phone is 615-936-0093. My cell phone is 615-973-4335. My goal is for you is to be the best clinician you are capable of being. Exams will be clinically oriented and will test your ability to think through a problem, rather than recalling specific facts. I believe that learning occurs best when know have a good knowledge base. You must develop a radiology “literacy” which requires memorization and understanding of radiologic terms. Your radiology literacy will allow you to effectively communicate with radiologists and medical specialty colleagues.