

El Paso Community College
Syllabus
Part II
Official Course Description

SUBJECT AREA	<u>Medical Imaging Technology-Radiography</u>
COURSE RUBRIC AND NUMBER	<u>RADR 1317</u>
COURSE TITLE	<u>Radiographic Anatomy and Physiology I</u>
COURSE CREDIT HOURS	<u>3 2 : 3</u> Credits Lec Lab

I. Catalog Description

Surveys the basic human anatomy and physiology. Emphasizes the localization and identification of human anatomy on the radiographic image. A grade of "C" or better is required in this course to take the next course. (2:3). Lab fee.

II. Course Objectives

Upon satisfactory completion of this course, the student will be able to:

- A. Identify basic radiographic terminology.
- B. Pinpoint anatomical structures on anatomy models, drawings, diagrams, and radiographic images.
- C. Correlate type of image to the imaging modality used.
- D. Identify anatomic structures on different body planes.
- E. Associate physiological processes for all body systems to the appropriate functional imaging examination.
- F. Differentiate anatomical structures as they appear with different image contrast and density.
- G. Discuss the purpose and reason for radiographic contrast enhancement on body structures.

III. THECB Learning Outcomes (WECM)

- 1. Identify the structure and function of the human body.
- 2. Structures of the cell.
- 3. Identify all pertinent anatomy on radiographs.

IV. Evaluation

- A. Methods
 - 1. quizzes and laboratory assignments
 - 2. unit examinations
 - 3. comprehensive final examination

B. Grading Scale

93 - 100 = A
 85 - 92 = B
 75 - 84 = C
 65 - 74 = D
 64 & below = F

A total final course grade of below C (i.e., less than 75%) is not acceptable for completion of this course.

C. Final Grade Determination

The final grade for this course is calculated as follows:

Quizzes/Worksheets/Labs	10% toward final grade
Unit Examinations	70% toward final grade
Comprehensive Final Exam	20% toward final grade
TOTAL	100%

Final grades will be determined by rounding the total points earned in the course to equal a whole number. A number followed by a decimal of .5 or more will be rounded to the next highest whole number. A number followed by a decimal of less than .5 will be rounded down to the next lowest whole number.

V. **Disability Statement (Americans with Disabilities Act [ADA])**

EPCC offers a variety of services to persons with documented sensory, mental, physical, or temporary disabling conditions to promote success in classes. If you have a disability and believe you may need services, you are encouraged to contact the Center for Students with Disabilities to discuss your needs with a counselor. All discussions and documentation are kept confidential. Offices located: VV Rm C-112(831-2426); TM Rm 1400 (831-5808); RG Rm B-201 (831-4198); NWC Rm M-54 (831-8815); and MDP Rm A-125 (831-7024).

VI. **6 Drop Rule**

Students who began attending Texas public institutions of higher education for the first time during the Fall 2007 semester or later are subject to a 6-Drop limit for all undergraduate classes. Developmental, ESL, Dual Credit and Early College High School classes are exempt from this rule. All students should consult with their instructor before dropping a class. Academic assistance is available. Students are encouraged to see Counseling Services if dropping because exemptions may apply. Refer to the EPCC catalog and website for additional information.