

El Paso Community College

Syllabus

Part II

Official Course Description

SUBJECT AREA	<u>Medical Imaging Technology-Radiography</u>
COURSE RUBRIC AND NUMBER	<u>RADR 2235</u>
COURSE TITLE	<u>Radiologic Technology Seminar</u>
COURSE CREDIT HOURS	<u>2 1 :</u> Credits Lec Lab

I. Catalog Description

A capstone course focusing on the synthesis of professional knowledge, skills, and attitudes in preparation for professional employment and lifelong learning. A grade of "C" or better is required in this course to take the next course. **(1:4). Lab fee.**

II. Course Objectives

The instructional methodology applied to this course will consist of a series of examinations given to the students in various medical imaging topics. Upon the completion of each examination a review will be conducted by the instructor to reinforce the student's knowledge for specific topic.

Upon satisfactory completion of this course, the student will:

- A. Describe anatomy and physiology
- B. Perform radiographic positioning
- C. Utilize radiographic physics
- D. Identify the principles of radiographic imaging
- E. Identify radiographic pathology
- F. Utilize radiation biology and protection
- G. Demonstrate patient care and ethics
- H. Demonstrate clinical radiography skills
- I. Utilize radiographic imaging equipment
- J. Perform advanced radiographic procedures
- K. Utilize digital radiography systems
- L. Utilize Picture Archiving and Communication Systems (PACS)
- M. Demonstrate professional foundation strategies

III. THECB Learning Outcomes (WECM)

Upon completing this course, the student will be able to:

1. Demonstrate entry level proficiency in knowledge, skills, and attitudes necessary for professional employment.
2. Articulate the need for lifelong learning.
3. Become eligible to take the national radiography registry.

IV. Evaluation

A. Assessment

An introductory examination will be given to the student at the beginning of the course to evaluate the student's overall knowledge in this field of study. This diagnostic tool will help the instructor to determine if the student requires additional instructional assistance on any of the topics. Additional homework assignments will be assigned to those students that demonstrate deficiencies on any of the above -mentioned topics.

B. Remediation

1. Make-up exams will only be permitted to those students presenting a valid written documentation for an excused absence. Failure to comply with this requirement will result in a grade of zero (0) for that exam. Those students who have taken an examination and have scored a passing grade will not be granted an additional opportunity (retest) in order to improve their grades.
2. The opportunity to make-up the final examination due to any type of absence relies exclusively on the instructor's discretion. Any appeals and/or petitions from the student, due to this reason, must be submitted in writing to the instructor. Valid documentation must be included to justify the appeal or petition.
3. The student who has accumulated a failing average grade, upon completion of the first six unit examinations, will be issued an incomplete grade. Therefore, he/she will not be eligible to take the final examination for this course. The student will be issued an incomplete final grade for the course. Based on the instructor's criteria and the student's grade average, a remedial attempt will be granted to the student to successfully complete the course. Remedial assignments will be designed and scheduled by the instructor and then provided to the student. A student acknowledgment in agreement to the assignments must be endorsed by the student.

C. Final Grade Determination

Exam no. 1	10%	Anatomy and Physiology / Radiographic Positioning
Exam no. 2	10%	Radiographic Physics / Principles of Radiographic Imaging
Exam no. 3	10%	Radiographic Pathology / Radiation Biology and Protection
Exam no. 4	10%	Patient Care and Ethics / Clinical Radiography Skills
Exam no. 5	10%	Radiographic Imaging Equipment / Advanced Radiographic Procedures
Exam no. 6	10%	Digital Radiography Systems / Picture Archiving and Communication Systems (PACS)
Resume	5%	Professional Foundation Strategies
Final Exam	35%	Comprehensive
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TOTAL	100%	

D. Grading Scale

100-93=A	I=Incomplete
92-85=B	W=Withdrew or withdrawn
84-75=C	
74-65=D	
Below 65=F	

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.

VII. Title IX and Sex Discrimination

Title 9 (20 U.S.C. 1681 & 34 C.F.R. Part 106) states the following "No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any educational program or activity receiving Federal financial assistance." The Violence Against Women Act (VAWA) prohibits stalking, date violence, sexual violence, and domestic violence for all students, employees and visitors (male and female). If you have any concerns related to discrimination, harassment, or assault (of any type) you can contact the Assistant to the Vice President for Student and Enrollment Services at 915-831-2655. Employees can call the Manager of Employee Relations at 915-831-6458. Reports of sexual assault/violence may also be reported to EPCC Police at 915-831-2200.