

El Paso Community College
Syllabus
Part II
Official Course Description

SUBJECT AREA	<u>Radiation Therapy Technology</u>
COURSE RUBRIC AND NUMBER	<u>RADT 1205</u>
COURSE TITLE	<u>Technical Procedures I</u>
COURSE CREDIT HOURS	<u> 2 1 : 3</u> Credits Lec Lab

I. Catalog Description

Develops skills in therapeutic practices relating to the field of radiation therapy with emphasis on basic patient set up, treatment technique and portal imaging. A grade of a “C” or better is required in this course to take the next course. **(1:3). Lab fee.**

II. Course Objectives

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

- A. Demonstrate use of the following Radiation Therapy Equipment: simulators, superficial and orthovoltage units, megavoltage units (linear accelerator and specialized units), and emerging technologies
- B. Provide patient care-giving
- C. Localize tumors
- D. Perform patient positioning and reproducibility
- E. Expose radiographs
- F. Process images
- G. Delineate and measure treatment field
- H. Document treatment parameters
- I. Observe and communicate appropriately with patients during treatment
- J. Perform emergency medical procedures
- K. Utilize beam directional devices and beam modification devices
- L. Utilize patient positioning and immobilization devices

III. THECB Learning Outcomes (WECM)

- 1. Perform basic treatment set-ups.
- 2. Describe the principles surrounding basic radiation therapy techniques.

IV. Evaluation

- A. Grading Scale
 - 93-100 =A
 - 85-92 =B
 - 75-84 =C
 - 74 and below =F

A grade of 75% or above is required to successfully complete this course.

Revised by Discipline: Fall 2012 (next revision in 3 years)

V. Disability Statement (American 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.