

**El Paso Community College**  
**Syllabus**  
**Part II**  
**Official Course Description**

<b>SUBJECT AREA</b>	<b><u>Radiation Therapy Technology</u></b>
<b>COURSE RUBRIC AND NUMBER</b>	<b><u>RADT 1301</u></b>
<b>COURSE TITLE</b>	<b><u>Introduction to Radiation Therapy</u></b>
<b>COURSE CREDIT HOURS</b>	<b><u>3            2    :    4</u></b> Credits    Lec    Lab

**I.      Catalog Description**

Provides introduction to of radiation therapy with emphasis on terminology and history, as well as an orientation to clinical and oncology practices. A grade of "C" or better is required in this course to take the next course. **(2:4). Lab fee.**

**II.     Course Objectives**

A. Unit I. Introduction to The Radiation Therapist’s Scope of Practice and Practice Standards

1. Introduce the concept of cancer management
2. Discuss the key terms used in Radiation Therapy
3. Explain Radiation Therapy treatment techniques
4. Identify patient rights and responsibilities
5. Discuss treatment protocol

B. Unit II. Radiation and Health Safety and Professional Responsibilities

1. Explain the concept of radiation safety
2. Discuss what is meant by health safety
3. Identify professional organizations for Radiation Therapists
4. Discuss professional and community commitment for Radiation Therapists
5. Describe professional development for Radiation Therapists

C. Unit III. Ethics in Radiation Therapy Practice

1. Discuss provider and patient relationships
2. Explain the importance of maintaining the confidentiality of health care information
3. Discuss the ethical issues in health care
4. Explain the concept of biomedical ethics and health care policy

D. Unit IV. Introduction to Law in Radiation Therapy

1. Identify the sources of law
2. Discuss what is meant by international torts
3. Discuss what is meant by negligence
4. Explain the concept of the lawsuit

E. Unit V. Introduction to Documentation

1. Discuss the components of informed consent, patient rights, and standard of care.
2. Describe safety issues as they pertain to Radiation Therapy
3. Discuss documentation and record maintenance

4. Explain the concept of risk management
5. Evaluate the role of the “Code of Ethics” and “Scope of Practice”

F. Unit VI. Medical Terminology

1. Identify the origin of medical terminology
2. Describe the word-building process
3. Explain the meaning of medical abbreviations and symbols

**III. THECB Learning Outcomes (WECM)**

1. Cite the history and development of radiation therapy.
2. Describe basic procedures in a radiation therapy department.
3. Define terminology applicable to radiation therapy.

**IV. Evaluation**

1. Grading Scale:

93 – 100	= A
84 – 92	= B
75 – 83	= C
74 and below	= F

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

**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.