

Course Description

RAT 1001 | Introduction to Radiation Oncology | 2 credits

The course provides an overview of the foundations in radiation therapy and the practitioner's role in the health care delivery system, principles, practices and policies of the educational program, health care organizations, principles of radiation, health safety, and professional responsibilities.

Course Competencies

Competency 1:

The student will demonstrate a basic understanding of laws related to radiation therapy at both the state and federal levels by:

1. Examine the role of the radiation therapist in the informed consent process, patient rights and practice standards.
2. Apply concepts related to social, political, economic and historical issues to analyze the different sources of law.
3. Analyze the role of code of ethics, radiation therapy scope of practice and radiation therapy practice standards as guides to assess the appropriateness of professional actions.

Learning Outcomes

- *Learning outcome 3*

Competency 2:

The students will Demonstrate a functional knowledge of medical terminology required in radiation therapy by:

1. Identify primary language sources from which medical terms are derived.
2. Define medical terms according to basic elements.
3. Interpret language, abbreviations and symbols in the medical record.

Learning Outcomes

- Learning outcome 3*

Competency 3:

The students will Convey an understanding of the ethics that impact radiation therapy at both the state and federal levels by:

1. Identify theories and principles that guide ethical decision making for practice situations.
2. Discuss ethical theories and models.
3. Discuss the radiation therapy scope of practice, code of ethics and practice standards.
4. Discuss the relationship between ethics and health care policy.
5. Examine ethical issues arising daily in a radiation therapy department.

Learning Outcomes

- *Learning outcome 3*

Competency 4:

The students will Demonstrate knowledge of the foundational principles and practices of radiation therapy by:

1. Differentiate between accreditation, credentialing, certification, registration, licensure, and regulations. Discuss the policies and procedures of clinical education settings.
2. Discuss the philosophy and mission of health care delivery systems and educational programs.
3. Explain the purposes, functions and activities of international, national, state and local professional organizations.

Learning Outcomes

- *Learning outcome 3*