

Common Course Outline
RTTT 111
Principles of Radiation Therapy I
3 credits
The Community College of Baltimore County

Description

RTTT 111 – Principles of Radiation Therapy provides an overview of the foundation of radiation therapy and the practitioner’s role in the health care delivery system. Principles, practices and policies of the education program, health care organizations, principles of radiation and health safety and professional responsibilities of the radiation therapist will be discussed and examined.

3 credits;3 lecture hours; 0 laboratory hours required.

Prerequisite: ENGL 052or LVE2 or LVE3 and RDNG 052

Overall Course Objectives

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

1. Discuss the policies and procedures of the educational program;
2. discuss the policies and procedures of clinical education settings;.
3. identify the responsibilities of a radiation therapy student;
4. discuss the responsibility of patient, staff and facility confidentiality;
5. identify the role of other health science professions that participate in the patient’s total health care;
6. explain the relationship of health care providers in the integrated care of cancer patients.
7. define cancer management principles and radiation therapy techniques;
8. differentiate between accreditation, credentialing, certification, registration, licensure and regulations;
9. explain the purposes, functions and activities of international, national, state and local professional organizations;
10. discuss the radiation therapist Scope of Practice, Practice Standards and the Professional Code of Ethics;
11. successfully complete CPR certification;
12. interpret language, abbreviations and symbols in the medical record;
13. Define key terms in radiation therapy;
14. Identify principles that guide ethical decision making for practice situations.
15. Explains Bill of Rights for Patients;
16. Identify factors that influence a patient’s emotional responses;
17. Assess the physical condition of the patient before, during and after treatment delivery;
18. Select patient education materials appropriate for patient needs; and
19. Compare conventional and alternative medicine.

Major Topics

- I. Program Orientation
- II. Clinical Orientation
- III. Patient Care
- IV. Communication
- V. Ethics
- VI. Medical Terminology

Course Requirements

Grading/exams: Grading procedures will be determined by the individual faculty member, but will include the following:

- 1. Class participation
- 2. A minimum of at least two exams