

**Common Course Outline**  
**RTTT 111**  
**Principles of Radiation Therapy I**  
**3 Credits**

**The Community College of Baltimore County**

**Description**

**RTTT 111 – 3 credits – Principles of Radiation Therapy I** 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 a JRCERT accredited radiation therapy program, professional health care organization and clinical responsibilities related to the radiation therapist will be examined.

**3 credits**

**Pre-requisites: RTTT 101; Admission to the Radiation Therapy Program; this course is only offered in the fall semester**

**Co-requisites: RTTT 103, RTTT 105 and RTTT 125**

**Overall Course Objectives**

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

1. identify the policies and procedures of a JRCERT accredited educational program;
2. discuss the policies and procedures of clinical education settings;
3. identify student responsibilities and expectations;
4. identify the role of other healthcare professions that participate in the patient’s care;
5. define cancer management principles and radiation therapy techniques;
6. differentiate between accreditation, credentialing, certification, registration, licensure and regulations;
7. explain the purpose, functions and activities of international, national, state and local professional organizations;
8. discuss the Radiation Therapist Scope of Practice, Practice Standards and the Professional Code of Ethics;
9. interpret language, abbreviations and symbols in the medical record;
10. define key terms in radiation therapy;
11. identify principles that guide ethical decision making;
12. explain the Patient Bill of Rights;
13. identify factors that influence a patient’s emotional response; and
14. compare conventional and alternative approaches.

**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:

Students will take a midterm and a final exam  
Students must pass their final exam with a 75% or higher  
Students will complete weekly quizzes and assignments

### **Other Course Information**

This course is a Radiation Therapy core course.  
This course is part of a program sequence and offered in the fall only.

Date Revised: 02/25/12