

# **Common Course Outline**

## **RTTT 107**

### **Clinical Education I**

**2 Credits**

## **The Community College of Baltimore County**

### **Description**

**RTTT 107 – 2 credits – Clinical Education I** provides a foundation of knowledge and skills for students on which to base their clinical experience. In addition, the practice of radiation therapy and its role in the multidisciplinary treatment of cancer are explored.

**2 credits; 240 clinical/lab hours**

**Pre-requisite: Admission to the Radiation Therapy Program; this course is only offered in the spring semester**

**Co-requisites: RTTT 113 and RTT 127**

### **Overall Course Objectives**

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

1. discuss the practice of radiation therapy and its role in the multidisciplinary treatment of cancer;
2. demonstrate a foundation of knowledge and skills on which to base clinical education;
3. perform effective patient positioning and immobilization;
4. describe equipment used for patient simulation and treatment;
5. locate basic components of the treatment unit;
6. locate necessary documents in the patient chart;
7. align skin markings/tattoos to field light and laser;
8. position patient causing minimal discomfort;
9. interpret optical and/or mechanical distance indicators; and
10. position accessory devices using standard precautions in their handling.

### **Major Topics**

- I. Program and Clinical Education policies
- II. Legal Issues in Radiation Therapy
- III. Radiation Safety
- IV. Pharmacology Basics
- V. License, Certification, Accreditation and Professional Organizations
- VI. Radiation Therapy Equipment

### **Course Requirements**

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

Students will take a minimum of two exams

Students must pass their final exam with a 75% or higher

Students must pass their clinical evaluation with a satisfactory

Students will complete weekly assignments

### **Other Course Information**

This course is a Radiation Therapy core course.

This course is part of a program sequence and offered in the spring only.

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