

**Common Course Outline**  
**RTTT 107**  
**Clinical Education I**  
**3 Credits**  
**The Community College of Baltimore County**

Description

Clinical Education I provides a foundation of knowledge of skills on which to base clinical education. In addition, the practice of radiation therapy and its role in the multidisciplinary treatment of cancer are explored.

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

Prerequisite: RTTT 105

Overall Course Objectives:

Upon completion of the 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. describe effective patient positioning and immobilization;
4. describe equipment used for patient stimulation and treatment;
5. locate basic components of the treatment unit;
6. locate necessary document 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/Clinical Education Policies
- II. Legal Issues in Radiation Therapy
- III. Radiation Safety Review
- IV. Pharmacology Basics
- V. Licensure, 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:

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