



# BROWARD COMMUNITY COLLEGE COURSE OUTLINE

**LAST REVIEW: 2008-2009**

*(i.e. 2003-2004)*

**NEXT REVIEW: 2013-2014**

*(i.e. 2008-2009)*

**STATUS: A**

*(A, I, D)*

**COURSE TITLE:** Clinical Education

**COMMON COURSE NUMBER:** RAT2814

**CREDIT HOURS:**

**CONTACT HOUR BREAKDOWN 24**

*(per 16 week term)*

**CLOCK HOURS:**

*(Voc. Course ONLY)*

Lecture:

Lab:

Clinic:

Other: 384

**PREREQUISITE(S):** RAT2021, RAT2023, RAT2617

**COREQUISITE(S):** RAT2021, RAT2023, RAT2617

**COURSE DESCRIPTION :** Patient treatment competency assignments begin in clinic. The student's responsibilities increase as more complex competencies in patient treatment are mastered.

General Education Requirements – Associate of Arts Degree (AA), meets Area(s):

Area

General Education Requirements – Associate in Science Degree (AS), meets Area(s):

Area

General Education Requirements – Associate in Applied Science Degree (AAS), meets Area(s):

Area

## UNIT TITLES

1. Treatment Procedures
2. Simulation Procedures
3. Professional Interactions.

## ASSESSMENT:

Please provide a brief description (250 characters maximum) that details how students will be assessed on the course outcomes.

**Periodic evaluation by the assigned radiation therapist, periodic evaluation by the clinical instructor, periodic evaluation by the clinical coordinator and successful completion of mandatory clinical competencies**



# BROWARD COMMUNITY COLLEGE COURSE OUTLINE

Common Course Number: RAT2814

## UNITS

### Unit 1 Treatment procedures

#### General Outcome:

- 1.0 The student shall: be able to deliver a planned course of radiation treatment procedures with 100% accuracy.

#### Specific Measurable Learning Outcomes:

Upon successful completion of this unit, the student shall be able to:

- 1.1 Set-up a simple to medium level treatment port on each patient with 100% accuracy
- 1.2 Set the beam parameters on the treatment unit with 100% accuracy.
- 1.3 Apply the appropriate treatment accessories as prescribed in the treatment plan with 100% accuracy.
- 1.4 Position the patient for treatment with 100% accuracy.
- 1.5 Set the console parameters with 100% accuracy.
- 1.6 The student should perform the procedure practicing good radiation safety for the patient and staff.



**Common Course Number:** RAT2814

**UNITS**

**Unit 2 Simulation Procedures**

**General Outcome:**

**2.0 The student shall: be able to perform a simple simulation.**

**Specific Measurable Learning Outcomes:**

**Upon successful completion of this unit, the student shall be able to:**

- 2.1 Identify and prepare the equipment necessary for a patient's individual simulation through communication with the Oncologist or acquiring the information from the treatment chart.**
- 2.2 Communicate to the patient the planned procedure.**
- 2.3 Position the patient for simulation with 100% accuracy.**
- 2.4 Set the beam parameters on the simulator with 100% accuracy.**
- 2.5 Obtain the appropriate treatment parameters (SSD, SAD, diameters, etc.) with 100% accuracy.**
- 2.6 Provide the appropriate documentation to facilitate the treatment of the patient.**



# BROWARD COMMUNITY COLLEGE COURSE OUTLINE

Common Course Number: RAT2814

## UNITS

### Unit 3 Professional interactions.

#### General Outcome:

- 3.0 The student shall: obtain the skills necessary to interact in a professional manner with patients, patients' caregivers, staff members and all others encountered in the performance of their profession.

#### Specific Measurable Learning Outcomes:

Upon successful completion of this unit, the student shall be able to:

- 3.1 Communicate to the patient undergoing treatment all information necessary to alleviate the patient's apprehension regarding treatment.
- 3.2 Interpret the patient's physical and emotional complaints and follow the appropriate action pertaining to these problems.
- 3.3 Communicate to the patient's caregivers all information necessary to assist the patient successfully undergoing treatment.
- 3.4 Perform in a professional manner regarding proper dress, punctuality, etc.
- 3.5 Interact with the staff in a professional manner.
- 3.6 Interact with all others in a professional manner.
- 3.7 Correctly perform assigned tasks willingly and is self motivated to pursue other areas when assigned area is not busy.