



BROWARD COMMUNITY COLLEGE

COURSE OUTLINE

LAST REVIEW: Academic Year 2010-2011 **NEXT REVIEW:** Academic Year 2015-2016 **STATUS:** A
2010-2011 2015-2016 (A, I, D)

COURSE TITLE: Clinic Education I

COMMON COURSE NUMBER: RAT1804

CREDIT HOURS: 2

CONTACT HOUR BREAKDOWN 24
(per 16 week term)

CLOCK HOURS:
(Voc. Course ONLY)

Lecture: Lab:
Clinic: 256 Other:

PREREQUISITE(S):

COREQUISITE(S): RAT 1002 and RAT 1002L

PRE/COREQUISITE(S): None

COURSE DESCRIPTION: Familiarization with the equipment utilized in the treatment of patients begins along with assisting the therapist in the clinical environment , simulation area, patient care nursing areas and the mold room.

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
4. Patient Charts and History



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ASSESSMENT:

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

Performance evaluations in nursing area, ancillary departments and competency evaluations in the simulation and linear accelerator rooms



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UNITS

Unit 1 Treatment Procedures

General Outcome:

- 1.0 The student shall ~~observe and~~ assist with simple to medium level of radiation treatment procedures.**

Specific Measurable Learning Outcomes:

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

- 1.1 Set-up treatment table for each patient with 100% accuracy at this level of complexity.**
- 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/patient's chart with 100% accuracy.**
- 1.4 Position the patient for treatment, aligning the midsagittal and mid coronal 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.**
- 1.7 The student will demonstrate the skills required to perform a two-man leveling competency prior to positioning the patient for the radiation therapy treatment.**
- 1.8 The student will demonstrate the skills required to perform a one-man leveling competency prior to positioning the patient for the radiation therapy treatment.**
- 1.9 Identify the treatment plan**



UNITS

Unit 2 Simulation procedures

General Outcome:

2.0 The student shall be able to assist with the performance 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 on the table for simulation, aligning the midsaggital and mid coronal with 100% accuracy.**
- 2.4 Set the beam parameters on the simulator with 100% accuracy.**
- 2.5 Obtain the appropriate treatment parameters on the simulator with 100% accuracy.**
- 2.6 Provide the appropriate documentation to facilitate the treatment of the patient.**
- 2.7 Identify consent form**
- 2.8 Observe the dosimetry treatment planning of patient's simulated**



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Unit 3 Professional interactions

General Outcome:

- 3.0 The student shall: obtain the skills necessary to interact in a professional manner with patients, patient's 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 Identify 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 the 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 area when assigned area is not busy.**



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Unit 4 Patient Charts and History

General Outcome:

3.0 The student shall: become familiar with the patient's medical and radiation therapy treatment chart.

Specific Measurable Learning Outcomes:

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

- 4.1 Identify lab reports**
- 4.2 Identify Pathology reports**
- 4.3 Identify Imaging reports**
- 4.4 Verify physicians notes**
- 4.5 Locate path reports and differentiate between surgery reports and biopsy reports**
- 4.6 Locate and review doctors consultation report**