



# BROWARD COLLEGE COURSE OUTLINE

**LAST REVIEW:** 2010-2011      **NEXT REVIEW:** 2015-2016      **STATUS:** A

**COURSE TITLE:** Clinical Education VI

**COMMON COURSE NUMBER:** RTE 2854

**CREDIT HOURS:** 1

## CONTACT HOUR BREAKDOWN

**CLOCK HOURS:**

Lecture:

Lab:

Clinic: 144

Other:

**PREREQUISITE(S):** RTE 2130, RTE 2130L, RTE 2623, RTE 2782, RTE 2844

**COREQUISITE(S):**

**PRE/COREQUISITE(S):** RTE 2061

**COURSE DESCRIPTION:** Provides the student with terminal clinical experience for practical application of concepts & skills taught in the program. Clinical rotations include the main department, portables, the emergency room, the operating room, & other ancillary imaging areas. Students will perform all radiographic exams previously learned to include the chest & bony thorax, abdomen, upper & lower extremities, spine, cranium, contrast media studies, & surgical procedures.

## UNIT TITLES

1. Imaging of the Chest, Bony Thorax, & Abdomen
2. Imaging of the Upper & Lower Extremities
3. Imaging of the Spine & Cranium
4. Contrast Media Studies & Surgical Procedures

**EVALUATION:** Assessment includes competency evaluations, clinical instructor evaluations, technologist evaluations, & modality evaluations.

**Common Course Number: RTE 2854**

**UNITS**

**Unit 1 Imaging of the Chest, Bony Thorax, & Abdomen**

**General Outcome:**

**1.0 The student shall be able to accurately perform imaging procedures of the chest, bony thorax, & abdomen.**

**Specific Measurable Learning Outcomes:**

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

- 1.1** Precisely identify a patient, explain the exam, & answer questions.
- 1.2** Prepare the radiographic room, equipment, & contrast media if applicable.
- 1.3** Assist the physician and/or technologist with the procedure when needed.
- 1.4** Position a patient correctly for each of the positions/projections used to demonstrate the chest, ribs, sternum, SC joints, & abdomen.
- 1.5** Correctly employ positioning aids, immobilization devices, lead markers, & other radiographic accessories.
- 1.6** Demonstrate appropriate radiation protection of self, the patient, & others during the procedure.
- 1.7** Demonstrate appropriate patient care & safety precautions during the procedure.
- 1.8** Safely & accurately manipulate the radiographic equipment during the procedure.
- 1.9** Set accurate exposure factors for chest, bony thorax, & abdomen examinations.
- 1.10** Evaluate chest, bony thorax, & abdomen images for quality.

**Common Course Number: RTE 2854**

**UNITS**

**Unit 2 Imaging of the Upper & Lower Extremities**

**General Outcome:**

**2.0 The student shall be able to accurately perform imaging procedures of the upper & lower extremities.**

**Specific Measurable Learning Outcomes:**

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

- 2.1** Precisely identify a patient, explain the exam, & answer questions.
- 2.2** Prepare the radiographic room, equipment, & contrast media if applicable.
- 2.3** Assist the physician and/or technologist with the procedure when needed.
- 2.4** Position a patient correctly for each of the positions/projections used to demonstrate the fingers, hand, wrist, forearm, elbow, humerus, shoulder, clavicle, scapula, AC joints, toes, foot, heel, ankle, tibia/fibula, knee, patella, femur, hip & pelvis.
- 2.5** Correctly employ positioning aids, immobilization devices, lead markers, & other radiographic accessories.
- 2.6** Demonstrate appropriate radiation protection of self, the patient, & others during the procedure.
- 2.7** Demonstrate appropriate patient care & safety precautions during the procedure.
- 2.8** Safely & accurately manipulate the radiographic equipment during the procedure.
- 2.9** Set accurate exposure factors for upper & lower extremity examinations.
- 2.10** Evaluate upper & lower extremity images for quality.

**Common Course Number: RTE 2854**

**UNITS**

**Unit 3 Imaging of the Spine & Cranium**

**General Outcome:**

**3.0 The student shall be able to accurately perform imaging procedures of the spine & cranium.**

**Specific Measurable Learning Outcomes:**

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

- 3.1** Precisely identify a patient, explain the exam, & answer questions.
- 3.2** Prepare the radiographic room, equipment, & contrast media if applicable.
- 3.3** Assist the physician and/or technologist with the procedure when needed.
- 3.4** Position a patient correctly for each of the positions/projections used to demonstrate the cervical, thoracic, & lumbar spines, sacrum & coccyx, SI joints, skull, facial bones & sinuses.
- 3.5** Correctly employ positioning aids, immobilization devices, lead markers, & other radiographic accessories.
- 3.6** Demonstrate appropriate radiation protection of self, the patient, & others during the procedure.
- 3.7** Demonstrate appropriate patient care & safety precautions during the procedure.
- 3.8** Safely & accurately manipulate the radiographic equipment during the procedure.
- 3.9** Set accurate exposure factors for spine & cranium examinations.
- 3.10** Evaluate spine & cranium images for quality.

**Common Course Number: RTE 2854**

**UNITS**

**Unit 4 Contrast Media Studies & Surgical Procedures**

**General Outcome:**

**4.0 The student shall be able to accurately perform contrast media studies & surgical radiographic procedures.**

**Specific Measurable Learning Outcomes:**

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

- 4.1** Precisely identify a patient, explain the exam, & answer questions.
- 4.2** Prepare the radiographic room, portable surgical equipment, & contrast media if applicable.
- 4.3** Assist the physician and/or technologist with the procedure when needed.
- 4.4** Position a patient correctly for each of the positions/projections used for contrast media studies & surgical radiographic procedures.
- 4.5** Correctly employ positioning aids, immobilization devices, lead markers, & other radiographic accessories.
- 4.6** Demonstrate appropriate radiation protection of self, the patient, & others during the procedure.
- 4.7** Demonstrate appropriate patient care & safety precautions during the procedure.
- 4.8** Safely & accurately manipulate the radiographic equipment during the procedure.
- 4.9** Set accurate exposure factors for contrast media studies & surgical radiographic procedures.
- 4.10** Evaluate contrast media & surgical exam images for quality.