



# BROWARD COLLEGE COURSE OUTLINE

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

**COURSE TITLE:** Clinical Education III

**COMMON COURSE NUMBER:** RTE 1824

**CREDIT HOURS:** 2

## CONTACT HOUR BREAKDOWN

**CLOCK HOURS:**

Lecture:

Lab:

Clinic: 256

Other:

**PREREQUISITE(S):** RTE 1418, RTE 1418L, RTE 1513, RTE 1513L, RTE 1613, RTE 1814

**COREQUISITE(S):**

**PRE/COREQUISITE(S):** RTE 1523, RTE 1523L

**COURSE DESCRIPTION:** Provides the student with continuing clinical experience for practical application of concepts & skills taught in lecture & laboratory. Clinical rotations include the main department, portables, the emergency room, & other ancillary imaging areas. Students will perform radiographic exams of the cervical, thoracic, & lumbar spines, sacrum & coccyx, skull & cranial bones, facial bones & sinuses, & procedures previously learned.

## UNIT TITLES

1. Imaging of the Cervical & Thoracic Spines
2. Imaging of the Lumbar Spine, Sacrum & Coccyx
3. Imaging of the Skull & Cranial Bones
4. Imaging of the Facial Bones & Sinuses

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

**Common Course Number: RTE 1824**

**UNITS**

**Unit 1 Imaging of the Cervical & Thoracic Spines**

**General Outcome:**

**1.0 The student shall be able to accurately perform imaging procedures of the cervical & thoracic spines.**

**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 cervical & thoracic spines.
- 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 cervical & thoracic spine examinations.
- 1.10** Evaluate cervical & thoracic spine images for quality.

**Common Course Number: RTE 1824**

**UNITS**

**Unit 2 Imaging of the Lumbar Spine, Sacrum & Coccyx**

**General Outcome:**

**2.0 The student shall be able to accurately perform imaging procedures of the lumbar spine, sacrum & coccyx.**

**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 lumbar spine, SI joints, sacrum & coccyx.
- 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 lumbar spine, sacrum & coccyx examinations.
- 2.10 Evaluate lumbar spine, sacrum & coccyx images for quality.

**Common Course Number: RTE 1824**

**UNITS**

**Unit 3 Imaging of the Skull & Cranial Bones**

**General Outcome:**

**3.0 The student shall be able to accurately perform imaging procedures of the skull & cranial bones.**

**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 skull & cranial bones.
- 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 skull & cranial bone examinations.
- 3.10** Evaluate skull & cranial bone images for quality.

**Common Course Number: RTE 1824**

**UNITS**

**Unit 4 Imaging of the Facial Bones & Sinuses**

**General Outcome:**

**4.0 The student shall be able to accurately perform imaging procedures of the facial bones & sinuses.**

**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, 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 to demonstrate the facial bones & sinuses.
- 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 facial bone & sinus examinations.
- 4.10** Evaluate facial bone & sinus images for quality.