



BROWARD COLLEGE COURSE OUTLINE

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

COURSE TITLE: Clinical Education II

COMMON COURSE NUMBER: RTE 1814

CREDIT HOURS: 2

CONTACT HOUR BREAKDOWN

CLOCK HOURS:

Lecture:

Lab:

Clinic: 256

Other:

PREREQUISITE(S): RTE 1000, RTE 1111 RTE 1503, RTE 1503L, RTE 1804

COREQUISITE(S):

PRE/COREQUISITE(S): RTE 1418, RTE 1418L, RTE 1513, RTE 1513L, RTE 1613

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 upper limb, humerus & shoulder girdle, lower limb, femur & pelvic girdle, bony thorax, & procedures previously learned.

UNIT TITLES

1. Imaging of the Upper Limb
2. Imaging of the Humerus & Shoulder Girdle
3. Imaging of the Lower Limb
4. Imaging of the Femur & Pelvic Girdle
5. Imaging of the Bony Thorax

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

Common Course Number: RTE 1814

UNITS

Unit 1 Imaging of the Upper Limb

General Outcome:

1.0 The student shall be able to accurately perform imaging procedures of the upper limb.

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 fingers, hand, wrist, forearm, & elbow.
- 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 upper limb examinations.
- 1.10 Evaluate upper limb images for quality.

Common Course Number: RTE 1814

UNITS

Unit 2 Imaging of the Humerus & Shoulder Girdle

General Outcome:

2.0 The student shall be able to accurately perform imaging procedures of the humerus & shoulder girdle.

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 shoulder, clavicle, scapula, & AC joints.
- 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 humerus & shoulder girdle examinations.
- 2.10** Evaluate humerus & shoulder girdle images for quality.

Common Course Number: RTE 1814

UNITS

Unit 3 Imaging of the Lower Limb

General Outcome:

3.0 The student shall be able to accurately perform imaging procedures of the lower limb.

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 toes, foot, heel, ankle, tibia/fibula, knee, & patella.
- 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 lower limb examinations.
- 3.10** Evaluate lower limb images for quality.

Common Course Number: RTE 1814

UNITS

Unit 4 Imaging of the Femur & Pelvic Girdle

General Outcome:

4.0 The student shall be able to accurately perform imaging procedures of the femur & pelvic girdle.

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 femur, hip, & pelvis.
- 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 femur & pelvic girdle examinations.
- 4.10** Evaluate femur & pelvic girdle images for quality.

UNITS

Unit 5 Imaging of the Bony Thorax

General Outcome:

5.0 The student shall be able to accurately perform imaging procedures of the bony thorax.

Specific Measurable Learning Outcomes:

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

- 5.1** Precisely identify a patient, explain the exam, & answer questions.
- 5.2** Prepare the radiographic room, equipment, & contrast media if applicable.
- 5.3** Assist the physician and/or technologist with the procedure when needed.
- 5.4** Position a patient correctly for each of the positions/projections used to demonstrate the bony thorax.
- 5.5** Correctly employ positioning aids, immobilization devices, lead markers, & other radiographic accessories.
- 5.6** Demonstrate appropriate radiation protection of self, the patient, & others during the procedure.
- 5.7** Demonstrate appropriate patient care & safety precautions during the procedure.
- 5.8** Safely & accurately manipulate the radiographic equipment during the procedure.
- 5.9** Set accurate exposure factors for bony thorax examinations.
- 5.10** Evaluate bony thorax images for quality.