

LABETTE COMMUNITY COLLEGE BRIEF SYLLABUS

SPECIAL NOTE:

This brief syllabus is not intended to be a legal contract. A full syllabus will be distributed to students at the first class session.

TEXT AND SUPPLEMENTARY MATERIALS USED IN THE COURSE (if any):

Please check with the LCC bookstore <http://www.labette.edu/bookstore> for the required texts for this class.

<u>COURSE NUMBER:</u>	RADI 205
<u>COURSE TITLE:</u>	CLINICAL TRAINING V
<u>SEMESTER CREDIT HOURS:</u>	3
<u>DEPARTMENT:</u>	Radiography
<u>DIVISION:</u>	Health Science
<u>PREREQUISITE:</u>	RADI 204 Clinical Training IV
<u>REVISION DATE:</u>	12/2012

COURSE DESCRIPTION:

Emphasis is placed on emergency and special procedure radiography and CT procedures. In addition the learner will be required to successfully complete the remaining category competency evaluations. 24 hours per week for 16 weeks.

COURSE OUTCOMES AND COMPETENCIES:

Students who successfully complete this course will be able to:

1. Examine the technique of angiography.
 - List the types of high pressure injectors used in angiography.
 - List the types of cassette/film changers used for angiography.
 - List the various procedures performed in angiography.
 - Record all examinations/procedures observed while assigned to special procedures rotation.
 - Describe the procedure used in basic angiography.

2. Examine the procedure of a computerized tomography.
 - List the various components of C.T. scanners.
 - Describe the basic function of C.T. scanners.
 - List the various examinations performed by computerized tomography.

3. Examine the procedure of ultrasonography.

- List the various types of equipment used in ultrasonography.
- Describe the basic principles of ultrasonography.
- List the procedures performed in ultrasonography.

4. Examine the procedure of M R I.

- List the various components of MRI.
- Describe the basic function of MRI.
- List the various examinations performed by MRI.

5. Comprehend the principles of emergency radiography.

- Identify the different radiographic units that may be used in emergency radiography.
- Identify the various accessories that may be used in emergency radiography.
- Demonstrate the importance of the geometric principles as it pertains to emergency radiography.
- Demonstrate the importance of equipment manipulation.

6. Perform/assist in the radiology department.

- Evaluate requisitions.
- Prepare radiographic rooms.
- Develop good patient rapport.
- Position patients for radiographic examinations.
- Manipulate radiographic equipment.
- Protect patients from excessive radiation.
- Process diagnostic images.
- Perform fluoroscopic examinations.
- Perform mobile radiographic procedures.

7. Analyze finished diagnostic images.

- Check images for proper patient identification.
- Check images for proper technologist identification "R" or "L" markers.
- Check images for proper position of the part to the image receptor.
- Check images for proper exposure factors.
- Check images for evidence of radiation protection (collimation).

8. Complete 10 Image Evaluations with the Clinical Coordinators.

- Select 10 different examinations to review with the clinical coordinator.