

## 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.

<b><u>COURSE NUMBER:</u></b>	RADI 221
<b><u>COURSE TITLE:</u></b>	RADIOGRAPHY COMPREHENSIVE REVIEW
<b><u>CREDIT HOUR:</u></b>	2
<b><u>DEPARTMENT:</u></b>	Radiography
<b><u>DIVISION:</u></b>	Health Science
<b><u>PREREQUISITE:</u></b>	Completion of all Radiography courses to date.
<b><u>REVISION DATE:</u></b>	1 / 2015

**COURSE DESCRIPTION:**

Group discussions on current topics in radiologic technology. Review of the principles of radiography and their application to the ARRT examination. Mock registry exams on the Computer.

**COURSE OUTCOMES & COMPETENCIES:**

**Students who successfully complete this course will without references and with 86% accuracy be able to:**

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| 1. Understand the principles of patient care and education. <ul style="list-style-type: none"><li>• Ethical and legal issues.</li><li>• Interpersonal communication.</li><li>• Infection control.</li><li>• Physical assistance and transfer.</li><li>• Medical emergencies</li><li>• Contrast media.</li></ul> |
| 2. Comprehend radiographic procedures. <ul style="list-style-type: none"><li>• Thorax.</li><li>• Abdomen and GI studies.</li><li>• Urological studies.</li><li>• Spine and pelvis.</li></ul>  |

- Cranium.
- Extremities.
- Specialty procedures.

3. Understand the concept of image production and evaluation.

- Selection of technical factors.
- Image processing and quality assurance.
- Criteria for image evaluation.

4. Comprehend equipment operation and quality control.

- Principles of radiation physics.
- Radiographic equipment
- Quality control of radiographic equipment and accessories.

5. Comprehend radiation protection.

- Biological aspects of radiation.
- Minimizing patient exposure.
- Personnel protection.
- Radiation exposure and monitoring.