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.

COURSE NUMBER: RADI 221
COURSE TITLE: RADIOGRAPHY COMPREHENSIVE REVIEW
CREDIT HOUR: 2
DEPARTMENT: Radiography
DIVISION: Health Science
PREREQUISITE: Completion of all Radiography courses to date.
REVISION DATE: 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:

1. Understand the principles of patient care and education.
   • Ethical and legal issues.
   • Interpersonal communication.
   • Infection control.
   • Physical assistance and transfer.
   • Medical emergencies
   • Contrast media.

2. Comprehend radiographic procedures.
   • Thorax.
   • Abdomen and GI studies.
   • Urological studies.
   • Spine and pelvis.
- 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.