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 223
COURSE TITLE: CRITICAL THINKING & ANALYSIS IN RADIOGRAPHY
CREDIT HOURS: 3
DEPARTMENT: Radiography
DIVISION: Health Science
PREREQUISITE: Entrance into sophomore year of Radiography Program
REVISION DATE: 03/2013

COURSE DESCRIPTION:
Comprehensive review course with emphases on critical thinking, problem analysis, and solution judgment skills. Group sessions for scenario development.

COURSE OUTCOMES & COMPETENCIES:
Students who successfully complete this course will be able to with 86% accuracy:

1. Develop problem solving and critical thinking skills.
   • Define critical thinking.
   • Increase awareness of your attitudes and values.
   • Discuss cultural diversity and its effects on problem solving.
   • Describe evidence analysis and research.
   • Discuss reasoning and solutions.
   • Evaluate solutions and select the most desirable and least desirable solution.
2. Understand the importance of ethical issues and the A.R.R.T.’s code of ethics.
   - Define ethics.
   - Define professional ethics.
   - Discuss morals and values.
   - Discuss patient confidentiality.
   - Discuss each of the 10 codes.
   - Develop scenario’s involving the code of ethics.
   - Develop solutions to the scenarios.
   - Select the most desirable and the least desirable solution.

3. Understand the importance of patient’s rights and practice standards for radiography.
   - Discuss patient rights.
   - Develop scenario’s involving patient rights.
   - Develop solutions to the scenarios.
   - Select the most desirable and the least desirable solution.
   - Discuss radiography clinical performance standards.
   - Discuss quality performance standards.
   - Discuss professional performance standards.
   - Develop scenario’s involving each of the performance standards.
   - Develop solutions to the scenarios.
   - Select the most desirable and the least desirable solution.

4. Develop problem solving skills for radiographic technical factors and equipment maintenance.
   - Solve technical problems and describe the effects of technical factors on image quality.
   - Use problem solving skills to identify possible problems with film processing.
   - Use problem solving skills to identify possible equipment problems.