

## 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 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.