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 101

COURSE TITLE: INTRODUCTION TO RADIOGRAPHY, ETHICS AND LAW

CREDIT HOURS: 2

DEPARTMENT: Radiography

DIVISION: Health Science

PREREQUISITE: Acceptance into Radiography Program

REVISION DATE: 2/2017

COURSE DESCRIPTION: Introduction to historical review of health care with emphasis on radiologic technology. Principles of radiography, radiation protection, ethics, and law will be presented. A two-week clinical orientation is also incorporated into this course.

COURSE OUTCOMES AND COMPETENCIES:
Students who successfully complete this course will be able to, without references and with 86% accuracy:

1. Understand the profession of Radiologic Technology.
   - Discuss the history of Radiology.
   - List the opportunities available for a Radiologic Technologist.
   - Describe the health care team.
   - Discuss program accreditation.
   - Discuss professional certification and professional societies.

2. Understand educational survival skills.
   - Define stress
   - Discuss the causes of conflict and stress.
   - Discuss methods of managing and resolving stress.
   - Discuss time management.
   - Discuss physiological and nutritional care.
• Discuss psychological care.
• List 5 study skill techniques.
• List 7 test taking tips.

3. Understand the hospital/clinical environment.
• Discuss clinical education.
• Review Radiography student handbook.
• Describe radiology management
• Describe radiographic equipment and imaging characteristics.

4. Explain radiation protection and safety procedures.
• Discuss the sources of radiation.
• Describe x-ray production and interactions.
• Describe radiation units.
• Describe the standards for regulation of exposure.
• Describe the biological effects of radiation.
• Describe patient protection from radiation exposure.
• Describe the methods of protection for the radiographer.
• Describe radiation monitoring devices.

5. Understand the importance of professional communications and ethics.
• Discuss the importance of professional ethics.
• Describe ethical evaluations.
• Describe interprofessional relationships and patient care.
• Describe health information management.
• Describe the legal aspects of health records.

6. Explain medicolegal considerations.
• Differentiate between the various types of law.
• Discuss standard of care.
• Describe causes of legal action.
• Discuss privacy of records.
• Describe negligence.
• Discuss other legal theories that might be considered in patient care.
• Describe informed consent.