

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.

<u>COURSE NUMBER:</u>	RADI 101
<u>COURSE TITLE:</u>	INTRODUCTION TO RADIOGRAPHY, ETHICS AND LAW
<u>CREDIT HOURS:</u>	2
<u>DEPARTMENT:</u>	Radiography
<u>DIVISION:</u>	Health Science
<u>PREREQUISITE:</u>	Acceptance into Radiography Program
<u>REVISION DATE:</u>	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.