

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>	O TEC 142
<u>COURSE TITLE:</u>	PHARMACOLOGY & LABORATORY MEDICINE FOR MEDICAL TRANSCRIPTION
<u>SEMESTER CREDIT HOURS:</u>	3
<u>DEPARTMENT:</u>	Business Administrative Technology
<u>DIVISION:</u>	Career Technical Education
<u>PREREQUISITE:</u>	None

COURSE DESCRIPTION:

This course is one of the increasingly important basic sciences of medicine and healthcare. A study of the principles and language of pharmacology and laboratory medicine, including drug classes, diagnostic test, indications, techniques, expressions of values and significance of findings. This course teaches students to use pharmaceutical references in the research of spelling, routes of administration, identification of generic versus brand names, and therapeutic action of drugs relating to the body systems presented.

COURSE OUTCOMES AND COMPETENCIES:

Students who successfully complete this course will be able to:

1. Identify procedures, techniques, and findings in diagnostic and interventional imaging.
 - Identify imaging testing methods and procedures used for various disease and conditions.
 - Identify procedures, techniques, and findings in diagnostic and interventional imaging.
2. Differentiate among common tests used in pathology and laboratory medicine, including diagnostic inductions, techniques, expression of values, and significance of findings.
 - Use appropriate pharmacological and laboratory references.
 - Identify laboratory testing methods and procedures used for various diseases and conditions.
 - Identify normal laboratory value ranges.
 - Recognize and correctly express laboratory values.

3. Identify, pronounce, spell, define, and apply pharmacological terminology.

- Identify, pronounce, spell, define, and apply pharmacological terminology.
- Describe pharmacological nomenclature and principles.

4. Distinguish among and compare common drug classes, forms, dosages, and routes of administration.

- Classify routes of administration.
- Describe the relationships of drug classes with disease processes and medical specialties.
- Recognize commonly prescribed medications, including indications, actions, dosages, and routes of administration.
- Recognize and use correct pharmacological names and dosages.

5. Select and use appropriate medical reference materials (i.e. word books, dictionaries, Internet and electronic resources).

- Identify and use appropriate medical references and other resources to research and study common disease and conditions.
- Stay current with trends and development in medicine.

6. Perform workplace competencies.

- RESOURCE MANAGEMENT
- Locate information and select the materials, tools, equipment, or other resources to perform the activities needed to accomplish a specific task.
- TIME MANAGEMENT
- Identify influences on use of time.
- Develop strategies to overcome procrastination and meet deadlines.
- Estimate the time required to perform activities needed to accomplish a specific task.
- LISTENING SKILLS
- Follow oral instructions.
- Listen for and identify key words.
- Listen for words that identify a procedure.