Introduction to Pharmacy (PHRA 1301)

Credit: 3 semester credit hours (3 hours lecture)

Prerequisite: Complete the TSI Assessment Tests with 343/Mathematics, 347/Reading, and 357/4/Writing

Course Description

An overview of the qualifications, operational guidelines, and job duties of a pharmacy technician.

Required Textbook and Materials

1. Pharmacy Practice for Technicians, 6th Edition
   Authors: Don A. Ballington and Robert J. Anderson
   ISBN: 978-0-763867959

Course Objectives

Upon completion of this course, the student will be able to:
1. Outline the history of the pharmacy profession
2. Describe the role of the pharmacy technician in a variety of settings
3. List the qualifications required for obtaining certification and registration
4. Identify standards of law and ethics governing pharmacy practice
5. Define key medical terms and abbreviations related to pharmacy practice
6. Explain the importance of utilizing pharmacy resource materials
7. Summarize safety standards

Course Outline

I. The Profession of Pharmacy

   A. The Origins of the Profession
   B. The 20th Century Evolution of Pharmacy
   C. Medication Therapy Management in the 21st Century
   D. Contemporary Pharmacy Settings
   E. Roles and Responsibilities
   F. Professional Outlooks

II. Drug and Supplement Development

   A. Drug Classifications
   B. Drug Therapies
   C. Drug Approval Processes

III. Chapter 4: Introducing Pharmacology

    A. Prescription Drug Substitutions
    B. Anatomical Classifications of Drugs
    C. Information/References for Pharmacy Personal

IV. Dosage Formulations

    A. Routes of Drug Administration
    B. Leading the Way

V. Your Future in Pharmacy Practice

    A. Gaining Experience
    B. Preparing for the Certification Examination
    C. Preparing for the Job Search
    D. Advancing Your Career
    E. Claiming Your Future

Grade Scale

90 – 100   A

80 – 89   B

70 – 79   C

60 – 69   D

0 – 59   F

Course Evaluation

Final grades will be calculated according to the following criteria:

1.   Exams- 30%

2.   Homework- 20%

3.   Quizzes- 30%

4.   Journals- 20%

PHRA 1301
Course Syllabus

Course Requirements

1.   Quizzes and Homework

2.   Journals

3.   Exams and Final Exam

4.   Class Participation

Technical Requirements (for courses using Blackboard)

The latest technical requirements, including hardware, compatible browsers, operating systems, software, Java, etc. can be found online at:

https://help.blackboard.com/en-us/Learn/9.1_2014_04/Student/015_Browser_Support/015_Browser_Support_Policy A functional broadband internet connection, such as DSL, cable, or WiFi is necessary to maximize the use of the online technology and resources.

Disabilities Statement
The Americans with Disabilities Act of 1992 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. Among other things, these statutes require that all students with documented disabilities be guaranteed a learning environment that provides for reasonable accommodations for their disabilities. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator at (409) 880-1737 or visit the office in Student Services, Cecil Beeson Building.

Student Code of Conduct Statement
It is the responsibility of all registered Lamar Institute of Technology students to access, read, understand and abide by all published policies, regulations, and procedures listed in the *LIT Catalog and Student Handbook*. The *LIT Catalog and Student Handbook* may be accessed at www.lit.edu or obtained in print upon request at the Student Services Office. Please note that the online version of the *LIT Catalog and Student Handbook* supersedes all other versions of the same document.