



# School of Nursing and Health Professions Syllabus



**Term:**                      **Credits:** 5                      **Office Hours:**

**Course Code:** PHM 101                      **Office Location:**

**Title of Course:** Pharmacy Tech. I                      **Email:**

**Days & Times:**                      **Phone:**

**Location:**                      **Prerequisites:**

**Instructor:**

**COURSE DESCRIPTION:** This is the first of two courses in the Pharmacy Technician program. Course content includes the duties and responsibilities of the pharmacy technician, as well as the mathematical components and the pharmacology foundation necessary to become a pharmacy technician. The course includes pharmacy practice such as handling of infectious and hazardous waste, pharmacologic dose calculations, and interpreting medication orders. The course includes a hands-on lab component where students practice skills through hands-on activities that simulate real-world pharmacy settings.

## **COURSE OBJECTIVES:**

Student Outcomes/Objectives: *Upon successful completion of this course, students will be able to:*

- 1- Interpret the Role and Responsibilities of a Pharmacy Technician
- 2- Apply Principles of Pharmaceutical Calculations
- 3- Define Basic Pharmacology and Drug Classifications
- 4- Interpret Medication Orders and Prescriptions
- 5- Handle and Dispose of Hazardous and Infectious Waste
- 6- Explain Pharmacy Operations and Medication Distribution
- 7- Develop Communication Skills for Pharmacy Practice

## STUDENT LEARNING OUTCOMES:

**Lab/Clinical:** 2 hours/wk

## TEXTBOOK REQUIRED:

**Pharmacy Technician, The: Foundations and Practices, 3rd edition**

**Publisher : Pearson; 3rd edition**

**ISBN-10 : 0135204178**

**ISBN-13 : 978-0135204177**



## EVALUATION METHODS:

Exams 30%

Labs 20%

In class Discussions 10%

Weekly in class assignments 20%

Final Exam 20%

## WEEKLY OUTLINE:

<b>Session</b>	<b>Lecture Topics</b>	<b>Corresponding Learning Outcome</b>
1	The Professional Pharmacy Technician	1
2	Health-System Pharmacy	1
3	Communication and Customer Care	7
4	Referencing and Drug Information Resources	3
5	Terminology and Abbreviations	3
6	Dosage Formulations and Routes of Administration	2
7	<b>Introduction to Sterile Products (Lab: Dressing and</b>	5

	<b>Garbing up)</b>	
8	<b>Workplace Safety and Infection Control (Lab: Handling Hazardous Substances)</b>	5
9	<b>Basic Math Skills and Measurement Systems (Lab: Dosage Calculation &amp; Measurement)</b>	2
10	Dosage Calculations	2
11	Alligation principle for calculations	2
12	<b>Medication Errors (Lab: Prescription Interpretation &amp; Labeling)</b>	4
13	<b>Inventory Management (Lab: Inventory Management &amp; Medication Storage)</b>	4,5
14	<b>Pharmacy Software &amp; Order Entry Simulation</b>	1,3,4
15	Final Exam	

**HCCC POLICIES, STATEMENTS, AND SERVICES:**

<https://www.hccc.edu/administration/academic-affairs/syllabus-addendum.html>