COURSE SYLLABUS

Degree Program: BS Pharmacy (2018)

Program Learning Outcomes:
PLO 1: Practice pharmacy in a professional, legal and ethical manner with commitment for continuing professional development
PLO 2: Work effectively with inter- and multi-professional teams in various settings to manage medicines-related issues of individuals, communities and health facilities
PLO 3: Communicate medicines information effectively to patients, carers, healthcare providers, community members and other stakeholders
PLO 4: Produce quality pharmaceutical products to achieve optimum health outcomes for patients and communities
PLO 5: Disseminate research findings to improve medication use, pharmacy education and pharmacy service delivery

A. Course Catalogue Description

Course Title: Introductory Pharmacy Practice Experience in the Philippine Healthcare System

Course Number:	**Credit Units:**	**Number of Hours:**	**Year Level offered:**	**Semester Offered:**
Clinical Pharmacy 150	1 unit	48 hours	1st Year	1st Semester

Meeting Type/Instructional Format: Laboratory (Lecture and Immersion in Various Facilities)

Course Description: Introductory experience of pharmacy students in various levels of the Philippine healthcare system

Prerequisites: None

Corequisites: None

Course Stipulation (if any)

Course Goals:	This course aims to provide pharmacy students with hands-on exposure to diverse healthcare settings. To help students address real health system issues, understand pharmacists' roles, and develop skills through practical experiences for future practice in the Philippine healthcare system.

B. Relationship of Course Learning Outcomes to Program Learning Outcomes		**Program Learning Outcomes**				
Course Learning Outcomes		**PLO1**	**PLO2**	**PLO3**	**PLO4**	**PLO5**
CLO1:	Identify actual health system issues and trends with significant implications to pharmacy practice;	I	I	I	I	I
CLO2:	Describe the roles of the pharmacists in organizations and facilities at various levels of the Philippine healthcare system; and	I	I	I	I	I
CLO3:	Explain the importance of the pharmacy profession and inter-professional collaboration in health care delivery.	I	I	I	I	I

I – Introduced D- Demonstrated R- Reinforced

C. Course Content	
Topics	**Number of Hours**
I. Health Systems Building Blocks	9
II. Primary Healthcare in Universal Healthcare	3
III. Introduction to Interprofessional Education and Collaboration (IPE/C)	3
IV. Introduction and Immersion in Facilities at Various Levels of Care A. Philippine Food and Drug Administration A. Philippine Pharmacists Association & Affiliates B. Department of Health (Central & Regional Offices) C. City Health Office & Municipal Health Office	33

D. Rural Health Units and Barangay Health Stations
E. Trade Associations
F. Community Pharmacy

D. Course Coverage

Week	Learning Outcomes	LLOs with CLOs	Course Topics	Essential or Key Questions	Teaching and Learning Activities	Assessment Methods and Tools	Core Readings/Learning Resources
1	1. Describe the roles of the pharmacists in various levels of the Philippine healthcare system. 2. Explain the importance of the pharmacy profession and inter-professional collaboration in health care delivery.	LLO1: CLO2 LLO2: CLO3	Orientation in Organizations and Facilities at Various Levels of the Philippine Health Care System	How do pharmacists contribute to the Philippine healthcare system at different levels, and what is the significance of the pharmacy profession and inter-professional collaboration in delivering comprehensive healthcare services?	Lecture and Discussion	Formative: Quiz Activity output Summative: Written examination	Powerpoint presentation Projector/Computer Guide Questions
2	1. Describe the role of Philippine FDA in the Philippine healthcare system. 2. Enumerate the centers of FDA.	LLO1: CLO1, CLO2	A. Philippine Food and Drug Administration (FDA)	What is the role of the Philippine FDA within the Philippine	Field trip and Orientation Reflection assignment	Formative: Quiz Activity output	Manila Paper References Field trip documents and permits Transportation

	3. Describe the roles of the pharmacists in the Food and Drug Administration.	LLO2: CLO1, CLO2 LLO3: CLO2		healthcare system, including the functions of its various centers, and how do pharmacists contribute to the operations and responsibilities of the Food and Drug Administration ?		Summative: Written examinatio n	Lecture slide VLE for Assignment submission
3	1. Describe the role of PPhA and Board of Pharmacy in the Philippine healthcare system. 2. Enumerate the affiliates and chapter of PPhA and the members of Board of Pharmacy. 3. Describe the roles of the pharmacists in the PPhA and Board of Pharmacy.	LLO1: CLO2, CLO3 LLO2: CLO2 LLO3: CLO2	B. Philippine Pharmacists Association (PPhA) & Affiliates C. Board of Pharmacy	What are the roles of the PPhA and the Board of Pharmacy within the Philippine healthcare system, and how do pharmacists contribute to the functions and initiatives of both organizations?	Lecture and Discussion	Formative: Quiz Activity output Summative Written examinatio n	Projector/Computer Guide Questions Whiteboard markers Field trip documents Transportation Lecture slide VLE

4	1. Describe the role of DOH in the Philippine healthcare system. 2. Enumerate the departments of DOH. 3. Describe the roles of the pharmacists in the DOH.	LLO1: CLO1, CLO2 LLO2: CLO1, CLO2 LLO3: CLO2	D. Department of Health (DOH) (Central & Regional Offices)	What role does the DOH play in the Philippine healthcare system, including the functions of its various departments? Furthermore, how do pharmacists contribute to the operations and initiatives of the DOH?	Field trip and Orientation Reflection assignment	Formative: Quiz Activity output Summative: Written examination	Field trip documents Transportation Lecture slide VLE Projector/Computer Guide Questions
5	1. Describe the role of City Health Office & Municipal Health Office in the Philippine healthcare system. 2. Enumerate the structure of City Health Office & Municipal Health Office. 3. Describe the roles of the pharmacists in these offices.	LLO1: CLO1, CLO2 LLO2: CLO2 LLO3: CLO2	E. City Health Office & Municipal Health Office	What is the DOH's role in the Philippine healthcare system, how do its departments function, and how do pharmacists actively contribute to DOH's operations and initiatives?	Field trip and Orientation Reflection assignment	Formative: Quiz Activity output Summative: Written examination	Field trip documents Transportation Lecture slide VLE Projector/Computer Guide Questions

6	1. Describe the role of Rural Health Units and Barangay Health Stations in the Philippine healthcare system 2. Enumerate the structure of Rural Health Units and Barangay Health Stations 3. Describe the roles of the pharmacists in the Rural Health Units and Barangay Health Stations	LLO1: CLO1, CLO2 LLO2: CLO2 LLO3: CLO2	F. Rural Health Units and Barangay Health Stations	What are the roles of Rural Health Units and Barangay Health Stations in the Philippine healthcare system, and how do pharmacists contribute to the delivery of healthcare services within these settings?	Field trip and Orientation Reflection assignment	Formative: Quiz Activity output Summative: Written examination	Field trip documents Transportation Lecture slide VLE Projector/Computer Guide Questions
7	<u>Specific Objectives</u>: 1. Describe the role of trade associations in the Philippine healthcare system 2. Enumerate the departments of trade associations 3. Describe the roles of the pharmacists in trade associations	LLO1: CLO1, CLO2 LLO2: CLO1 LLO3: CLO2	G. Trade Associations Department of Trade and Industry Securities and Exchange Commission	What role do trade associations play in the Philippine healthcare system, including the departments they encompass? Moreover, how do pharmacists contribute to the operations and initiatives of these trade associations?	Field trip and Orientation Reflection assignment	Formative: Quiz Activity output Summative: Written examination	Field trip documents Transportation Lecture slide VLE Projector/Computer Guide Questions

8	Specific Objectives: 1. Explain the importance of the pharmacy profession and inter-professional collaboration in health care delivery 2. Identify actual health system issues and trends with significant implications to pharmacy practice	LLO1: CLO2 LLO2: CLO2 LLO3: CLO2	Integration Activity 1	How does the pharmacy profession contribute to healthcare delivery, and why is inter-professional collaboration crucial in optimizing patient care outcomes? Additionally, what are the current health system issues and trends that have significant implications for pharmacy practice?	Lecture and Discussion Concept map group activity Small group discussion Reporting	VLE (Handout) Powerpoint presentation Projector/Computer Guide Question Manila Paper	VLE (Handout) • Powerpoint presentation • Projector/Computer • Guide Questions • Manila Paper
9	FIRST WRITTEN EXAMINATION						
10	Specific Objectives: 1. Describe the role of Independently owned community pharmacy in the Philippine healthcare system 2. Enumerate the structure of Independently owned	LLO1: CLO2 LLO2: CLO2 LLO3: CLO2	II. Immersion in Category A Pharmaceutical Establishments A. Independent Community	What role does the independently owned community pharmacy play in the	Individual Activity (Shadowing)	Quiz Activity output	Field trip documents and permits Transportation Lecture slide VLE submission of Assignment Projector

	community pharmacy 3. Describe the roles of the pharmacists in the Independently owned community pharmacy		Pharmacy	Philippine healthcare system, including its structure and functions? Furthermore, how do pharmacists contribute to the operations and services provided within independently owned community pharmacies?			Computer Guide Questions Whiteboard markers
11	<u>Specific Objectives</u>: 1. Describe the role of Large chain community pharmacy in the Philippine healthcare system 2. Enumerate the structure of large chain community pharmacy 3. Describe the roles of the pharmacists in the large chain community pharmacy	LLO1: CLO2 LLO2: CLO2 LLO3: CLO2	B. Large Chain Community Pharmacy	What is the role of large chain community pharmacy in the Philippine healthcare system, including its structural components? Additionally, how do pharmacists contribute to the functions	Field trip and Orientation Reflection assignment	Quiz Activity output	Transportation Lecture slide VLE submission of Assignment Projector Computer Guide Questions Whiteboard markers

				and services provided within large chain community pharmacies?			
12	<u>Specific Objectives</u>: Describe the role of Alternative community pharmacy in the Philippine healthcare system Enumerate the structure of Alternative community pharmacy Describe the roles of the pharmacists in the Alternative community pharmacy	LLO1: CLO2 LLO2: CLO2 LLO3: CLO2	II. Immersion in Category A Pharmaceutical Establishments C. Alternative Community Pharmacy	What role does alternative community pharmacy play in the Philippine healthcare system, and what are its structural components? Furthermore, how do pharmacists contribute to the functions and services provided within alternative community pharmacies?	Field trip and Orientation Reflection assignment	Quiz Activity output	Field trip documents and permits Transportation Lecture slide VLE submission of Assignment Projector Computer Guide Questions
13	<u>Specific Objectives</u>: Describe the role of Immersion in Private hospitals in the Philippine healthcare system Enumerate the structure of	LLO1: CLO2 LLO2: CLO2	III. Immersion in Hospital A. Private	What is the role of private hospitals within the Philippine	Field trip and Orientation Reflection assignment	Quiz Activity output	Field trip documents and permits Transportation Lecture slide VLE submission of

	Immersion in Private hospitals Describe the roles of the pharmacists in the Immersion in Private hospitals	LLO3: CLO2		healthcare system, including their structural components? Additionally, how do pharmacists contribute to private hospital settings?			Assignment Projector Computer Guide Questions
14	<u>Specific Objectives</u>: Describe the role of Immersion in government hospitals in the Philippine healthcare system Enumerate the structure of Immersion in government hospitals Describe the roles of the pharmacists in the Immersion in government hospitals	LLO1: CLO2 LLO2: CLO2 LLO3: CLO2	III. Immersion in Hospital B. Government	What is the role of pharmacists in government hospitals within the Philippine healthcare system, and how do they contribute to the delivery of healthcare services and patient care within this setting?	Field trip and Orientation Reflection assignment	Quiz Activity output	Field trip documents and permits Transportation Lecture slide VLE submission of Assignment Projector Computer Guide Questions
15	<u>Specific Objectives</u>: Explain the importance of the pharmacy profession and inter-professional collaboration in	LLO1: CLO3 LLO2: CLO1	Integration Activity 2	What is the significance of the pharmacy profession and	Lecture and Discussion Concept map group activity Small group discussion Reporting	Quiz Activity output	Syllabus VLE (Upload Handout prior to meeting) Powerpoint presentation

	health care delivery Identify actual health system issues and trends with significant implications to pharmacy practice			inter-professional collaboration in healthcare delivery, and what are the current health system issues and trends that have substantial implications for pharmacy practice?			Projector Computer Guide Questions Whiteboard markers Manila Paper
16	SECOND WRITTEN EXAMINATION						
E. Course Requirements							
1	Long examinations						
2	Quizzes						
3	Group activities and outputs						
4	Reflection assignments						
5	Integration Activities						
F. Assessment Plan (formative and summative evaluation)							

COURSE ASSESSMENT PLAN				
Assessment Component	**Type of Assessment**	**Course Learning Outcomes**		
		CLO1	CLO2	CLO3
Written Exam 1 (30%)	**Summative**	MCQ True or False	Matching	Essay
Written Exam 2 (30%)	**Summative**	MCQ True or False	Matching	Essay
Quizzes (5%)	**Formative**	MCQ True or False Matching Identification	MCQ True or False Matching Identification	MCQ True or False Matching Identification
Group activities (25%)	**Formative**	Rubric Peer and Self Evaluation	Rubric Peer and Self Evaluation	Rubric Peer and Self Evaluation
Class Participation and Attitude (10%)	**Formative**	Rating Scale	Rating Scale	Rating Scale

G. References

1	Ball D and Salenga RL. (2017). Pharmaceutical Policy in the Philippines. In Babar Z (ed.). Pharmaceutical Policy in Low and Middle Income Countries. Springer Publication.
2	Salenga R, Docuyanan H, Gloria M, Aninon A, Ching C, Quizon P. (2015). Philippine Practice Standards for Pharmacists. Manila: Philippine Pharmacists Association.

H. List of Faculty

1	Cecilio Angelo M. Hipolito, RPh Instructor 2 Department of Clinical, Social and Administrative Pharmacy
2	Maria Patricia S. Ugalde, RPh Instructor 1 Department of Clinical, Social and Administrative Pharmacy



