

Macao Polytechnic Institute
School of Health Sciences and Sports
Bachelor of Science in Biomedical Technology
(Pharmacy Technology)

Module Outline

Academic Year 2020 / 2021 Semester 2

Learning Module	Pharmacy Practice I		Class Code	BSPP2102
Pre-requisite(s)	Nil			
Medium of Instruction	English / Cantonese		Credit	3
Lecture Hours	45 hrs	Lab/Practice Hours	0 hrs	Total Hours 45 hrs
Instructor	Kenny Kuok		E-mail	cfkuok@ipm.edu.mo
Office	Room M708, 7/F, Meng Tak Building, Main Campus		Telephone	85993437

Description

This 45-hour learning module aims to introduce the pharmacy practices in different pharmacy settings. The roles, functions and routine practices in community and hospital pharmacies will be discussed. The basic knowledge about the common products in community pharmacy are also covered.

Learning Outcomes

After completing the learning module, students will be able to:

1. Describe the roles and functions of different pharmacy settings.
2. Describe the professional pharmacy practices in pharmacy settings.
3. Familiar with the routine works in community and hospital pharmacies.
4. Understand the types and common products in community pharmacy.

Content

1. Introduction of pharmacy practice (3 hours)
 - 1.1 *The roles of pharmacy professions and pharmacy services*
2. Introduction of the healthcare system and pharmaceutical market in Macao (3 hours)
3. Medication, prescription and the routes of administration (3 hours)
4. Common instructions and counselling skills for patient education (6 hours)
5. Community pharmacy (4 hours)
 - 5.1 *Roles and functions of community pharmacy*
 - 5.2 *Pharmacy practices in community pharmacy*
6. Hospital pharmacy (8 hours)
 - 6.1 *Roles and functions of hospital pharmacy*
 - 6.2 *Pharmacy practices in hospital pharmacy*
 - 6.3 *Medical history and physician orders*
 - 6.4 *Pharmaceutical care plan and medication use evaluation*
7. Pharmaceutical distributors and wholesalers (4 hours)
 - 7.1 *Roles and functions of pharmaceutical distributors and wholesalers*
 - 7.2 *Quality Assurance and Quality Control*
 - 7.3 *Good Distribution Practice (GDP)*
8. Health technology assessment and pharmacoeconomics (4 hours)
9. Medication safety (4 hours)
10. Active learning module (4 hours)

11. Examination (2 hours)

Teaching Method

Lectures, tutorials, case studies

Attendance

Attendance requirements are governed by the “Academic Regulations Governing Bachelor’s Degree Programmes of Macao Polytechnic Institute”. Students are not eligible to attend the final examination and re-sit examination if the absence rate exceeds 30%. Moreover, an “F” will be given as the final grade to students who have less than the stated attendance for this enrolled module. *Also, any students scoring less than 35% of the total mark in the final examination will be given an “F” grade for the course even if the overall grade is 50% or higher.*

Assessment

This learning module is graded on a 100 point scale, with 100 being the highest possible score and 50 being the passing score.

	Item	Description	Percentage	Submit Date
1.	Active learning module and report	Will be announced in class	30%	2021/04/12 (09:00-13:00)
2.	Final exam	All material in this semester	70%	2021/05/25 (11:00-13:00)

Total Percentage: 100%

Teaching Material(s)

Reference

Reference book(s)

Lilian M Azzopardi. (2010). *Lecture Notes in Pharmacy Practice*. London: Pharmaceutical Press.