

LEVEL 5 DIPLOMA FOR PHARMACY TECHNICIAN

Program Description

The Level 5 Diploma for Pharmacy Technician is a two-year program providing a comprehensive educational route, imparting students with expertise in pharmaceutical science, pharmacology, and practical pharmacy operations. It emphasizes the importance of patient-focused care, hands-on experience, and adept communication abilities. Upon completing the Pharmacy Technician Diploma, graduates will possess the knowledge, proficiency, and qualifications to excel in various roles such as Pharmacy Technician, Health Insurance Coordinator, Patient Administrator, Medical Sales Representative, Pharmaceutical Researcher, and others. The program offers diverse training prospects, ensuring students are thoroughly prepared for a successful professional journey.

Program Learning Outcomes

1. Apply knowledge and skills in areas of pharmaceutical sciences, including pharmacology, pharmacokinetics, and drug interactions, to ensure safe and effective medication use.
2. Acquire knowledge of relevant laws, regulations, and ethical considerations in pharmacy practice professional settings.
3. Process prescriptions in adherence to relevant legislation, established standards, policies, and procedures within practice settings.
4. Develop proficiency in preparing pharmaceutical products for dispensing in practice settings, adhering to relevant legislation and established standards, policies, and procedures.
5. Demonstrate competence in performing pharmaceutical calculations, including dosage calculations, conversions, and compounding formulations, to ensure accurate medication preparation.
6. Develop effective communication and collaboration skills to work as a valuable member of the healthcare team, fostering interdisciplinary cooperation and patient-centered care.
7. Demonstrate proficiency in utilizing pharmacy software and technology to manage inventory, maintain patient records, and facilitate efficient workflow in pharmacy operations.
8. Promote quality assurance by executing effective and efficient administrative roles within practice settings.

Occupation and Industry Sector

Requirements

Completion Requirements

Students seeking the Level 5 Diploma for Pharmacy Technician must successfully complete all mandatory core courses worth 90 credits.

Code	Title	Credit Hours
Pharmacy Technician Mandatory Core Courses		
Required Credits: 90		
GED 100	Develop English language skills	3
PHT 101	Describe basic concepts of anatomy and physiology for health care	4
PHT 108	Describe the principles of occupational health and safety in healthcare sector	2

MDL 100	Use medical terminology for healthcare	2
PHT 107	Describe the basis of general, organic and biological chemistry	3
MDL 110	Use effective communication in a healthcare environment	4
PHT 102	Describe Pharmacy evolution in drug development, drug classification and prescription processing	2
PHT 103	Explain the fundamentals of Pharmacology for Pharmacy Technician	4
PHT 104	Apply mathematical principles for precise pharmacy calculations	4
PHT 106	Illustrate comprehension of UAE pharmacy profession laws and ethics	2
PHT 130	Apply essential pharmacy practice principles for pharmacy technician I	4
PHT 131	Apply essential pharmacy practice principles for pharmacy technician II	4
PHT 132	Apply essential pharmacy practice principles for pharmacy technician III	4
PHT 200	Explain the fundamentals of non-prescription and complementary therapies	2
PHT 202	Explain the basis of microbiology and antimicrobials therapy for Pharmacy Technician	4
PHT 203	Explain the pathophysiology, pharmacological and non-pharmacological management of diseases I	4
PHT 205	Perform tasks required from a pharmacy technician in an institutional setting	2
PHT 230	Develop essential skills for Pharmacy Technicians in community pharmacy I	4
PHT 231	Develop essential skills for Pharmacy Technicians in community pharmacy II	4
PHT 232	Develop essential skills for Pharmacy Technicians in community pharmacy III	4
PHT 201	Prepare a variety of non-sterile compounds in a safe and efficient manner	2
PHT 204	Demonstrate methods and techniques for simple and advanced sterile compounding	4
PHT 206	Explain the pathophysiology, pharmacological and non-pharmacological management of diseases II	4
PHT 207	Perform core competencies for pharmacy technician in the sterile compounding unit	2
PHT 233	Perform core competencies for pharmacy technician in primary healthcare clinics	4
PHT 234	Perform core competencies for pharmacy technician in hospital setting I	4
PHT 235	Perform core competencies for pharmacy technician in hospital setting II	4

Description	Data
Total Required Credits	90
Program Code	DPPHT
Major Code	PHT

Ideal Study Plan

Recommended Sequence of Study

Level 5 Diploma for Pharmacy Technician

Year 1

Semester 1		Credit Hours
GED 100	Develop English language skills	3
PHT 101	Describe basic concepts of anatomy and physiology for health care	4
PHT 108	Describe the principles of occupational health and safety in healthcare sector	2
MDL 100	Use medical terminology for healthcare	2
PHT 107	Describe the basis of general, organic and biological chemistry	3
MDL 110	Use effective communication in a healthcare environment	4
Credit Hours		18

Semester 2

PHT 102	Describe Pharmacy evolution in drug development, drug classification and prescription processing	2
PHT 103	Explain the fundamentals of Pharmacology for Pharmacy Technician	4
PHT 104	Apply mathematical principles for precise pharmacy calculations	4
PHT 106	Illustrate comprehension of UAE pharmacy profession laws and ethics	2
PHT 130	Apply essential pharmacy practice principles for pharmacy technician I	4
PHT 131	Apply essential pharmacy practice principles for pharmacy technician II	4
PHT 132	Apply essential pharmacy practice principles for pharmacy technician III	4
Credit Hours		24

Year 2

Semester 3

PHT 200	Explain the fundamentals of non-prescription and complementary therapies	2
PHT 202	Explain the basis of microbiology and antimicrobials therapy for Pharmacy Technician	4
PHT 203	Explain the pathophysiology, pharmacological and non-pharmacological management of diseases I	4
PHT 205	Perform tasks required from a pharmacy technician in an institutional setting	2
PHT 230	Develop essential skills for Pharmacy Technicians in community pharmacy I	4
PHT 231	Develop essential skills for Pharmacy Technicians in community pharmacy II	4
PHT 232	Develop essential skills for Pharmacy Technicians in community pharmacy III	4
Credit Hours		24

Semester 4

PHT 201	Prepare a variety of non-sterile compounds in a safe and efficient manner	2
PHT 204	Demonstrate methods and techniques for simple and advanced sterile compounding	4
PHT 206	Explain the pathophysiology, pharmacological and non-pharmacological management of diseases II	4
PHT 207	Perform core competencies for pharmacy technician in the sterile compounding unit	2
PHT 233	Perform core competencies for pharmacy technician in primary healthcare clinics	4
PHT 234	Perform core competencies for pharmacy technician in hospital setting I	4

PHT 235	Perform core competencies for pharmacy technician in hospital setting II	4
Credit Hours		24
Total Credit Hours		90