

# PHARMACY TECHNOLOGY (PHAR TC)

## Pharmacy Technology (PHAR TC) 100

### IV Preparation

This course provides basic understanding and training of intravenous preparations of sterile products, clothing, equipment, calculations and documentation. Writing assignments, as appropriate to the discipline, are part of the course.

*Current Licensed and Certified Pharmacy Technician*

4 Laboratory hours. 2 Lecture hours. 4 Credit Hours.

**Offered At:** MX

## Pharmacy Technology (PHAR TC) 105

### Prescription Compounding

This course provides a basic understanding and training of compound preparations of products, equipment, calculations and documentation. Writing and reading assignments, as appropriate to the discipline, are part of the course.

*Current Licensed and Certified Pharmacy Technician*

4 Laboratory hours. 2 Lecture hours. 4 Credit Hours.

**Offered At:** MX

## Pharmacy Technology (PHAR TC) 131

### Pharmacology I

Fundamental biological and biochemical principles as applied to allied health personnel. Writing assignments, as appropriate to the discipline, are part of the course.

*Admission into the Pharmacy Technology AC or Outpatient Pharmacy Technology BC.*

2 Lecture hours. 2 Credit Hours.

**Offered At:** MX

## Pharmacy Technology (PHAR TC) 132

### Pharmacology II

Principles and characteristics of drugs, including physical and chemical properties, dosage calculations, effects and reactions, toxicity, emergency procedures and methods of administration. Writing assignments, as appropriate to the discipline, are part of the course.

*Grade of C or better in PHAR TC 131*

2 Lecture hours. 2 Credit Hours.

**Offered At:** MX

## Pharmacy Technology (PHAR TC) 133

### Pharmacology Lab

Fundamental biological and biochemical principles as applied to allied health personnel. Writing assignments, as appropriate to the discipline, are part of the course.

*Admission into the Pharmacy Technology AC or Outpatient Pharmacy Technology BC.*

2 Laboratory hours. 1 Credit Hours.

**Offered At:** MX

## Pharmacy Technology (PHAR TC) 134

### Pharmacy Practice

This course introduces the student to the field of pharmacy technology. Included is an overview of the Pharmacy Technician certificate program, definition of the pharmacy technician's role, and a review of opportunities open to the pharmacy technician. Writing assignments, as appropriate to the discipline, are part of the course.

*Admission into the Pharmacy Technology AC or Outpatient Pharmacy Technology BC.*

2 Laboratory hours. 1 Lecture hours. 2 Credit Hours.

**Offered At:** MX

## Pharmacy Technology (PHAR TC) 135

### Pharmacy Calculations

Designed to provide mathematical tools for students enrolled in the pharmacy technology program. Emphasis is on practical aspects of mathematics and less upon the theoretical. Topics include, but are not limited to: fundamentals of measurement and calculation; interpretation of prescription or medication order; the metric system; calculation of doses; reducing and enlarging formulas; and percentage and ratio calculation. Writing assignments, as appropriate to the discipline, are part of the course.

*Admission into the Pharmacy Technology AC or Outpatient Pharmacy Technology BC.*

3 Lecture hours. 3 Credit Hours.

**Offered At:** MX

## Pharmacy Technology (PHAR TC) 136

### Prescription Processing

Provides basic understanding of the person / pharmacy computer prescription processing software and the development of keyboarding skills. Learn to produce all requisite documentation for the pharmacy. Writing assignments, as appropriate to the discipline, and part of the course.

*Admission into the Pharmacy Technology AC or Outpatient Pharmacy Technology BC.*

2 Laboratory hours. 1 Credit Hours.

**Offered At:** MX

## Pharmacy Technology (PHAR TC) 137

### Pharmacy Communication

Provides basic communication skills and pharmacy practice including verbal, nonverbal communication. Communication barriers, listening/empathic responding, assertiveness, interviewing assessment, patient outcomes, communications with special patients/children about medications are explored in this profession. Writing assignments, as appropriate to the discipline, are part of the course.

*Admission into the Pharmacy Technology AC or Outpatient Pharmacy Technology BC.*

2 Lecture hours. 2 Credit Hours.

**Offered At:** MX

## Pharmacy Technology (PHAR TC) 138

### Intro To Pharmacy Law

Overview of legal aspects of the pharmacy practice, including a review of the Federal Controlled Substances Act and Illinois statutes, rules and regulations. Writing assignments, as appropriate to the discipline, are part of the course.

*Admission into the Pharmacy Technology AC or Outpatient Pharmacy Technology BC.*

1 Lecture hours. 1 Credit Hours.

**Offered At:** MX

### **Pharmacy Technology (PHAR TC) 141**

#### **Sterile Processing**

Fundamentals and specifics of drug distribution in hospital and retail pharmacies, including bulk compounding, packaging, quality control, inventory control, drug storage and a variety of drug delivery systems. Mathematical calculations for basic pharmacy operations. Writing assignments, as appropriate to the discipline, are part of the course.

*Admission to the Pharmacy Technology program/plan 254.*

2 Laboratory hours. 3 Lecture hours. 4 Credit Hours.

**Offered At:** MX

### **Pharmacy Technology (PHAR TC) 142**

#### **Non-Sterile Processing**

Fundamentals and specifics of drug distribution in hospital and retail pharmacies, including bulk compounding, packaging, quality control, inventory control, drug storage and a variety of drug delivery systems. Mathematical calculations for basic pharmacy operations. Writing assignments, as appropriate to the discipline, are part of the course.

*Admission to the Pharmacy Technology program/plan 254.*

2 Laboratory hours. 1 Lecture hours. 2 Credit Hours.

**Offered At:** MX

### **Pharmacy Technology (PHAR TC) 143**

#### **Advanced Practice**

This course continues to expose students to advanced topics in the field of pharmacy technology. Included is an overview of the Pharmacy Technician certificate program, definition of the pharmacy technician's role, and a review of opportunities open to the pharmacy technician. Writing assignments, as appropriate to the discipline, are part of the course.

*Admission to the Pharmacy Technology program/plan 254.*

2 Laboratory hours. 1 Lecture hours. 2 Credit Hours.

**Offered At:** MX

### **Pharmacy Technology (PHAR TC) 204**

#### **Retail/Outpatient Clinical**

This course is designed to provide employment skills as a concurrent and integral part of a student's educational program in pharmacy technology. Supervised work experience in ambulatory care pharmacy practice is provided by applying the knowledge and training learned in related pharmacy technology courses. Training also involves progression from role of observer to assistant, then to relative independence under the direct supervision of a registered pharmacist and clinical coordinator. Writing assignments, as appropriate to the discipline, are part of the course.

*Grade C or better in PHAR TC 131, 134, 135, 136, 137 and 138*

1 Lecture hours. 10 Practicum hours. 4 Credit Hours.

**Offered At:** MX

### **Pharmacy Technology (PHAR TC) 205**

#### **Inpatient Clinical**

This course is designed to provide employment skills as a concurrent and integral part of a student's educational program in pharmacy technology. Supervised work experience in ambulatory care pharmacy practice is provided by applying the knowledge and training learned in related pharmacy technology courses. Training also involves progression from role of observer to assistant, then to relative independence under the direct supervision of a registered pharmacist and clinical coordinator. Writing assignments, as appropriate to the discipline, are part of the course.

*Grade C or higher in PHAR TC 141, PHAR TC 142, and PHAR TC 143.*

12 Practicum hours. 4 Credit Hours.

**Offered At:** MX