

# Pharmacy Technology (PHAR)

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## Courses

### **PHAR A101 Introduction to Pharmacy 3 Credits**

Introduces pharmacy practice and the technician's role in various pharmacy settings, with a focus on the outpatient setting. Emphasizes the history of pharmacy, pharmacy law and ethics, pharmacy and medical terminology, prescription processing, and dosage forms. Includes review of the most-prescribed drugs.

### **PHAR A105 Pharmacology for Technicians I 3 Credits**

Introduces drug terms, definitions, origins and uses with an emphasis on factors affecting drug actions and adverse reactions. Provides overview of pharmacology, pharmacodynamics and pharmacokinetics. Focuses on respiratory, gastrointestinal, urinary, cardiovascular, recombinant and nutritional drugs, as well as vaccines and vitamins.

**Special Note:** This is one part of a two course sequence. Courses can be taken independently of each other.

### **PHAR A107 Pharmacy Calculations 3 Credits**

Provides students with the interpretive skills to read, decode and process a variety of prescriptions requiring mathematical computations. Introduces the basic concepts needed to calculate oral, parenteral, pediatric and elderly drug dosages. Includes calculation skills for interpreting intravenous flow rates, and compounding.

**Prerequisites:** MATH A054 with a minimum grade of C or ALEKS Overall Test 1 with a score of 017 or ALEKS Overall Test 2 with a score of 017 or ALEKS Overall Test 3 with a score of 017 or ALEKS Overall Test 4 with a score of 017 or ALEKS Overall Test 5 with a score of 017.

### **PHAR A111 Techniques of Pharmacy Practice 3 Credits**

Explores pharmacy practice and the technician's role in various pharmacy settings, with a focus on the inpatient setting. Emphasizes billing, inventory management, repackaging, non-sterile and sterile compounding, and medication safety. Includes review of the most-prescribed drugs.

### **PHAR A115 Pharmacology for Technicians II 3 Credits**

Introduces drug terms, definitions and uses with an emphasis on factors affecting drug actions and adverse reactions. Focuses on drugs for the nervous, endocrine, dermatological, musculoskeletal and reproductive systems, as well as medications used for the skin, eyes, ears, nose and throat.

**Special Note:** This is one part of a two course sequence. Courses can be taken independently of each other.

### **PHAR A192 Professional Practice of the Pharmacy Technician 1 Credit**

Explores current issues in the field of pharmacy and provides an in-depth study of relevant topics such as federal pharmacy law, technician career preparation and medication safety, with an emphasis on ethical principles.