

## Pharmacy Technician Certificate Program

### Job Description

Pharmacy technicians work under a pharmacist and fill prescriptions by calculating dosage and strength, measuring amounts and producing labels. They also check inventory and order supplies, assist customers and complete insurance forms.

Pharmacy technicians work in retail pharmacies, nursing homes, hospitals, clinics and medical facilities.

### Requirements to enter Pharmacy Technician Program

- A high school diploma.
- Pharmacy Technician Math Refresher course (CPS 4050) recommended.



### Pharmacy Technician Certificate Program

This 50-hour course prepares students to enter the pharmacy field. Upon completion of this course, students receive a Certificate of Attendance. Students can opt to sit for the Pharmacy Technician Certification Board (PTCB) Exam.

### Course Objectives:

- Pharmacy history and role of the pharmacy technician
- Review of hospital pharmacy setting, retail practice, regulatory agencies involved with a pharmacy practice, long term care
- Review of pharmacy setting, mail order pharmacy, home care pharmacy practice
- Pharmacy measures, roman numerals, abbreviations
- Review of generic drugs, basic biopharmaceuticals, dosage forms, patient profiles
- Prescription label requirements, order transcription, ordering and inventory control, drug pricing, third party reimbursement
- Formularies, unit dose systems, emergency and crash carts, house supplies, automatic stop orders, calculating number of doses required
- Top brand names and generic drugs
- Aseptic technique, handling of sterile products including antineoplastic agent considerations
- The metric system
- Apothecaries and avoirdupois systems of measurement
- Children's doses
- Allegation method, math review
- Total Parenteral Nutrition (TPN), demonstration of TPN admixture, hands-on practice of IV admixture and parenteral medication preparation

**This course is a partnership between Madonna University and Condensed Curriculum, Inc.**

- **No clinicals, internships or externships are offered with this course.**
- **Our medical certificate programs provide a comprehensive approach to job skills training using best practices, theories and concepts, and practical knowledge. Earning a Certificate of Attendance in this course does not guarantee students employment as they enter the workforce.**

### Job Outlook

U. S. Bureau of Labor Statistics projects employment of pharmacy technicians is expected to increase by 31 percent from 2011-2016, which is much faster than the average for all occupations.