

# PHARMACY TECHNICIAN

A pharmacy technician is a health care provider who performs pharmacy-related functions under the supervision of a licensed pharmacist. Pharmacy technicians work in a variety of settings, including hospitals, clinics, community pharmacies, and other health care agencies.

The Pharmacy Technician program was developed using accreditation standards of the American Society of Health-System Pharmacists. Students will have a working knowledge of standards of practice, quality assurance, patient confidentiality, and communication skills needed in a professional environment. The program is accredited through [ASHP/ACPE](#) and is the only accredited pharmacy technician program in Oregon east of the Cascades.

See the [Pharmacy Technician page](#) for program and contact information.

## Programs

### Career and Technical Education

#### One-Year Certificate of Completion

- [Pharmacy Technician - One-Year Certificate of Completion \(CC1\)](#)

## Courses

#### PHM 100 Pharmacy Technician Practice I (5 Credits)

**Corequisites:** PHM 115, PHM 120.

**Recommended preparation:** MTH 015 (or higher) or minimum placement Math Level 7; WR 065 (or higher or BA 214) or minimum placement Wr/Comm Level 7; and BI 105.

Introduces information, techniques, and procedures needed to assist the pharmacist in delivery of pharmaceutical products and services. Explores aspects of pharmacy in community, institution, and other practice settings. Covers the regulatory agencies, laws, and ethics affecting pharmacy practice. Explores employment opportunities, interpretation and processing of prescriptions, pharmacy law, standards of practice, and skills required of a pharmacy technician.

#### PHM 110 Pharmacy Calculations (3 Credits)

**Prerequisites:** PHM 100 and PHM 120.

**Corequisites:** PHM 130, PHM 140, PHM 145.

**Recommended preparation:** MTH 015 (or higher) or minimum placement Math Level 7.

Reviews math related to pharmacy technician duties. Covers systems of weight, measurement, and temperature and conversions between systems. Emphasizes skills needed to calculate doses, drug quantity or volume, intravenous flow rates, percentage concentrations, and mechanics of proportions related to pharmaceutical dosing. Introduces retail pricing and accounting.

#### PHM 115 Pharmacy Technician Lab I (2 Credits)

**Corequisites:** PHM 100, PHM 120.

Complements lecture with hands-on experience in medication preparation, dispensing, calculations, and business applications.

#### PHM 120 Pharmacology I (5 Credits)

**Corequisites:** PHM 100.

Introduces trade and generic names of commonly prescribed drugs used in prevention and treatment of various disease entities. Emphasizes important contraindications, side effects, precautions and interaction of drugs, and the process of drug utilization review. Covers pharmacological categories and factors than can affect drug kinetics.

#### PHM 130 Pharmacology II (5 Credits)

**Corequisites:** PHM 110, PHM 140, PHM 145.

Continues the introduction to trade and generic names of commonly prescribed drugs used in prevention and treatment of various disease entities. Emphasizes important contraindications, side effects, precautions, and drug interactions and process of drug use review. Provides pharmacological categories and factors that can affect drug kinetics.

#### PHM 140 Pharmacy Technician Practice II (5 Credits)

**Corequisites:** PHM 110, PHM 130, PHM 145.

Teaches information, techniques, and procedures needed to assist the pharmacist in delivery of pharmaceutical products and services. Covers pharmacy aspects in a community, institution, and other practice settings. Emphasizes pharmacy technician duties and responsibilities.

#### PHM 145 Pharmacy Technician Lab II (2 Credits)

**Corequisites:** PHM 110, PHM 130, PHM 140.

Provides hands-on experience in intravenous medication preparation, sterile compounding, calculations, and maintaining drug stocks.

#### PHM 180 Co-op Work Experience Pharmacy Technician (1-4 Credits)

**Prerequisites:** Instructor approval.

Provides experience in which students apply previous Pharmacy Technician classroom learning in an occupational setting. Credits depend on the number of hours worked. P/NP grading.

#### PHM 181 Pharmacy Technician Seminar (2 Credits)

**Prerequisites:** PHM 110, PHM 130 and PHM 140.

**Corequisites:** PHM 190.

Prepare for the pharmacy technician national certification exam. Covers employment opportunities, resume writing, completing job applications, and interviewing skills. P/NP grading.

#### PHM 188 Special Studies: Pharmacy Technician (1-4 Credits)

Explores topics of current interest in the discipline.

#### PHM 190 Pharmacy Technician Practicum (7 Credits)

**Corequisites:** PHM 181.

Provides an unpaid learning experience at a prearranged clinical facility and is supervised by a registered pharmacist. P/NP grading.

#### PHM 199 Selected Topics: Pharmacy Technician (1-4 Credits)

This course is in development.

#### PHM 288 Special Studies: Pharmacy Technician (1-4 Credits)

Explores topics of current interest in the discipline.

#### PHM 298 Independent Study: Pharmacy Technician (1-4 Credits)

**Prerequisites:** Instructor approval.

**Recommended preparation:** prior coursework in the discipline.

Individualized, advanced study to focus on outcomes not addressed in existing courses or of special interest to a student. P/NP grading.

#### PHM 299 Selected Topics: Pharmacy Technician (1-4 Credits)

Provides a learning experience not currently available in the pharmacy technician program; this course is in development to be proposed as a permanent course.