

# Pharmacy Technician/ Pharmacy Management

pharmacology.chemeketa.edu

The Pharmacy Technician/Pharmacy Management program prepares students for pharmacy technician positions in community, clinic, and hospital pharmacies. Pharmacy technicians assist licensed pharmacists with preparation of medications. The program offers a one-year Pharmacy Technician Certificate with the option of continuing and completing a two-year Associate of Applied Science (AAS) degree in Pharmacy Management.

Courses focus on the abilities needed to assist the pharmacist in collecting, organizing, and evaluating information for direct patient care. Content includes drug classification, pharmacokinetics and pharmacodynamics of prescription medications, as well as an introduction to non-prescription drugs; pathophysiology regarding diseases; pharmaceutical inventory control; laws and ethics that apply to pharmacy operations; introduction to specialty pharmacies; in-depth concepts of sterility and quality assurance processes; and multicultural aspects of healthcare. In addition, students will develop communication skills and essential mathematical concepts related to medication dosing. Students will also participate in workplace experiences.

The intent of the program is to prepare students to take the national certification examination to become Certified Pharmacy Technicians and be employed in a pharmacy setting.

## Program outcomes

### Students completing the certificate will:

- Organize and maintain patient records and inventory control systems.
- Accurately compound and prepare prescriptions under the direction of a licensed pharmacist.
- Use aseptic technology to prepare prescriptions in specialized pharmaceutical settings.

### Students completing the AAS will:

- Provide leadership as a Pharmacy Manager using effective communication strategies, including speaking, listening, writing, negotiating, and persuasion.
- Use accounting principles for inventory management and cost containment.
- Ensure regulatory compliance and patient safety within the pharmacy organization.

## Getting started

This program has special admission requirements and enrollment limits. The first step to entering the following program is to take part in an assessment process, which includes taking the college's free placement test and meeting with Counseling and Career Services staff. You may need to complete pre-program courses. Then, your advisor will help you develop an individualized program of study, which may include one or more of the following:

AH115	Healthcare Career Success Strategies (suggested).....	2
CA121A	Keyboarding A (if less than 25 wpm prior to CIS101) .....	1
CIS101	Introduction to Microcomputer Applications .....	3
HM120	Medical Terminology 1 .....	3
MTH095	Intermediate Algebra (or higher+) .....	4
RD115	Academic Thinking and Reading (or higher) .....	3
WR121	English Composition—Exposition+ .....	3

If you have questions about the requirements, call Counseling and Career Services at 503.399.5120 or 503.399.5058. Failure to be assessed may delay your entry into program classes.

For admission to the program, an application is required. This is a separate step from testing and assessment. Applications are available in Counseling and Career Services, Enrollment Services, and program offices.

Students are required to submit a copy of their current CPR cards and completed immunization forms prior to fall registration. Students must also pass a criminal background check and possible drug test (pursuant to OAR 855-010-0045). Practicum sites also require student licensure from the Oregon Board of Pharmacy.

## Pharmacy Technician Certificate of Completion

*In addition to tuition, estimated costs for students who complete the entire program listed below are books, \$424; class fees, \$141; universal fee, \$432; equipment and supplies, \$60; criminal background check \$25; CPR certification, \$45; immunizations, \$250; examination fee, \$129. Contact the Financial Aid Office at 503.399.5018 to find out if you qualify for help with these costs. Students are responsible for costs related to travel to practicum locations.*

You may earn a Certificate of Completion by successfully completing the required 54 credit hours with a grade of "C" or better in all courses:

Course	Title	Credit Hours
HM121	Medical Terminology 2 .....	3
PHM101	Introduction to Pharmacy Technology .....	1
PHM115	Pharmacy Operations/Management .....	4
PHM220	Multicultural Patient Healthcare .....	2
PHM230	Pharmaceutical Drug Classifications .....	3
PHM231	Pharmacology 1 .....	5

## Chemeketa Community College

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<b>Term 2</b>	
PHM110	Pharmacy Calculations..... 3
PHM120	Pharmacy Operations/Laboratory ..... 3
PHM205	Pharmacy Specialized Care ..... 3
PHM210	Over-the-Counter (OTC) Products ..... 2
PHM215	Sterile Compounding/Cytotoxic Medications ..... 3
PHM232	Pharmacology 2..... 5
<b>Term 3</b>	
FE205B	Resumes and Job Search Correspondence..... 1
PHM130	Pharmacy Information/Law and Ethics ..... 3
PHM150	Pharmacy Technician Practicum..... 4
PHM151	Pharmacy Seminar..... 1
PHM160	Hospital/Ambulatory Pharmacy Practicum ..... 2
PHM233	Pharmacology 3..... 3
PSY201	General Psychology—Biological Emphasis+ ..... 3

### **Pharmacy Management Associate of Applied Science**

*In addition to tuition, estimated costs for students who complete second year courses listed below are books, \$1,633; class fees, \$168; universal fee, \$808; equipment and supplies, \$25; CPR certification, \$45. Contact the Financial Aid Office at 503.399.5018 to find out if you qualify for help with these costs. Students are responsible for costs related to travel to practicum locations.*

You may earn an Associate of Applied Science degree by successfully completing 103 required credit hours of the two-year Pharmacy Management program (49 credits during the second year after 54 credits of Pharmacy Technician) with a grade of "C" or better in all courses.

<b>Course</b>	<b>Title</b>	<b>Credit Hours</b>
<b>Term 4</b>		
CIS125E	Excel-Workbooks ..... 4	
HM250	Health Services Management 1 ..... 3	
HS101	Addiction Pharmacology and Physiology ..... 4	
MTH111	College Algebra..... 5	
WR227	Technical Writing..... 3	
<b>Term 5</b>		
BA206	Business Management Principles ..... 4	
EC201	Introduction to Microeconomics (or higher) ..... 4	
HM251	Health Services Management 2 ..... 3	
PSY237	Life Span Development (or higher) ..... 3	
SP218	Interpersonal Communication ..... 3	
<b>Term 6</b>		
BA224	Human Resource Management ..... 4	
HM252	Health Services Management 3 ..... 3	
HPE295	Health and Fitness for Life..... 3	
	Humanities/Fine Arts elective (200 level) ..... 3	