

Pharmacy Technician

Course Overview and Syllabus

Course Number: EL3630

Grade level: 10–12

Prerequisite Courses: Varies by state

Credits: 1.0

Course Description

This two-semester course prepares students for employment in the pharmacy technician field. Through direct instruction, interactive skills demonstrations, and practice assignments, students learn the basics of pharmacy assisting, including various pharmacy calculations and measurements, pharmacy law, pharmacology, medical terminology and abbreviations, medicinal drugs, sterile techniques, USP 795 and 797 standards, maintenance of inventory, patient record systems, data processing automation in the pharmacy, and employability skills. Successful completion of this course prepares the student for national certification for employment as a Certified Pharmacy Technician (CPhT).

Course Objectives

Throughout the course, you will meet the following goals:

- Describe the role of the Pharmacy Technician
- Identify key aspects of the pharmacy environment
- List and describe body systems and the drugs used to treat illnesses
- Classify various drugs
- Understand how pharmacy laws impact pharmacy work
- Know how to interpret and process prescriptions
- Perform pharmacy calculations related to measurements, dilutions, dosages, and conversions
- Analyze inventory management systems and duties
- Know how to maintain current patient records

Student Expectations

This course requires the same level of commitment from you as a traditional classroom course would. Throughout this course, you are expected to spend approximately five to seven hours per week online on the following activities:

- Interactive lessons that include a mixture of instructional segments and tasks
- Assignments in which you apply and extend learning in each lesson
- Assessments, including tests and cumulative exams

Communication

Your teacher will communicate with you regularly through discussions, e-mail, chat, and system announcements. You will also communicate with classmates, either via online tools or face to face, as you collaborate on projects, ask and answer questions in your peer group, and develop your speaking and listening skills.

Grading Policy

You will be graded on the work you do online and the work you submit electronically to your teacher. The weighting for each category of graded activity is listed below.

Grading Category	Weight
Assignments	55%
Essays	0%
Labs	0%
Lesson Quizzes	0%
Unit Tests	30%
Cumulative Exams	10%
Projects	5%

Scope and Sequence

When you log into Edgenuity, you can view the entire course map—an interactive scope and sequence of all topics you will study. The units of study are summarized below:

Unit 1: Pharmacy Technician Roles

Unit 2: Pharmacy Environments

Unit 3: Pharmacology

Unit 4: Drugs and Body Systems Part I

Unit 5: Drugs and Body Systems Part II

Unit 6: Classifications

Unit 7: Prescriptions

Unit 8: Calculations, Routes, and Formulations

Unit 9: Parenterals and Admixtures

Unit 10: Compounding

Unit 11: Pharmacy Law

Unit 12: Inventory Management

Unit 13: Pharmacy Management