



DIAL VIRTUAL SCHOOL INTRODUCITON TO PHARMACY TECHNICIAN

Instructor

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Course Syllabus for Pharmacy Technician (14152)

Course Description

Course Description:

The Pharmacy Technician course prepares students to assist pharmacists. This includes learning about the roles and responsibilities of the Pharmacy Technician, safety measures, drug dosage calculations, and identification of various drugs and their effects on the human body. Students will also learn how to perform a wide range of duties in retail, hospital, and home care. The Pharmacy Technician course will equip the student to pass the national certification exam.

Program of Study Application:

Pharmacy Technician is a pathway course in the Health Science career cluster, Therapeutic Services pathway. The course would follow participation in one or more cluster courses and/or Gateway to Certified Nursing Assistant. Participation in Pharmacy Technician would prepare a student to participate in further pathway courses in the Therapeutic Services pathway or a capstone experience.

Topics covered:

- Role of the pharmacy technician
- Laws governing pharmacy technicians
- Pharmaceutical calculations

- Prescription processing
- Basic pharmacology

Place within the program of study: Grade Level: 12

Credit: 1 credit

Instructional Philosophy and Instructional Delivery Plan

Expectations for student performance:

Students are expected to meet all of the course goals and be able to demonstrate their understanding of the underlying concepts.

How the instruction will be delivered:

The class will be presented using online-learning and instruction with accompanying interactive video supported with **Blackboard Learn**. The instruction will include the on-line textbook. The class will be presented through Pharmacy Technician's University online training. Online curriculum will be delivered to the student through Pharmacy Technician's University website.

Expectations of Communications:

The instructor will respond to student communication within a 24 – 48-hour time limit.

How students will work:

Students will be assigned textbook and online assignments that will include practice exercises, projects and chapter reviews. Students will be assigned online activities and quizzes that will require them to work independently and with their local pharmacist.

How the community will be utilized:

Community healthcare professionals will be accessed as appropriate as guest speakers or fieldtrip facilitators, if indicated. A local pharmacy connection will provide an observation time for the student in a working pharmacy.

How student learning will be assessed:

Tests, quizzes and projects will be assigned for each unit per Pharmacy Technician University learning modules.

How late assignments will be graded:

All student learning will be due on assigned day at 12:00 pm midnight, according to dates on Pacing Chart.

How late assignments will be graded:

Any work turned in post due date, assignments will be given an automatic 80% points. After one week of late work, the grade automatically goes to 70% and then if not turned in by the second week following due date, a 0 will be given.

Plagiarism / Fabrication / Cheating, etc. listed in the DIAL Virtual School Student Policy:

- *First offense:* Student will be given a verbal warning and a chance to redo the assignment. The district e-mentor / facilitator will be notified.
- *Second offense:* Grade weights will be changed, tests are proctored, and will receive a zero on the assignment. The district e-mentor / facilitator will be notified.

The grading scale for this course will be defined by a percentage using total point for the semester.

Each participating school may assign their letter grade to the percentage according to their local District grading system.

Course Goals

Students will learn how to:

- A. Explain the role of the pharmacy technician in a pharmacy.
- B. Define the laws that govern a pharmacy technician's work.
- C. Demonstrate competency performing pharmaceutical calculations.
- D. Explain the steps of prescription processing.
- E. Describe basic pharmacology principles.
- F. Identify the most common medications.
- G. Experience work in a pharmacy through shadowing.

Pharmacy Technician Standards

By completing this course, students will achieve the following standards:

PhT 1: Understand the roles and responsibilities of the Pharmacy Technician and governing laws.

<i>Webb Level</i>	<i>Sub-indicator</i>
One Recall	PhT 1.1 Understand the roles and responsibilities of a pharmacy technician.
Two Skill/Concept	PhT 1.2 Interpret the laws and regulations involved in dispensing medication including controlled substances.
Two Skill/Concept	PhT 1.3 Apply the requirements for dispensing medication in accordance with Federal and South Dakota law.
One Recall	PhT 1.4 List the various types of reimbursement for prescription coverage.

PhT 2: Understand safety measures as they pertain to preparing prescriptions and maintaining inventory.

<i>Webb Level</i>	<i>Sub-indicator</i>
One Recall	PhT 2.1 Identify the steps involved in preparing and processing prescriptions.
Two Skill/Concept	PhT 2.2 Apply safety measures to prevent prescription errors and recognize the importance of reporting errors.
One Recall	PhT 2.3 Identify the process of maintaining pharmacy inventory.

PhT 3: Understand drug dosage calculations and preparation of prescriptions.

<i>Webb Level</i>	<i>Sub-indicator</i>
Two Skill/Concept	PhT 3.1 Solve dimensional math problems.
Two Skill/Concept	PhT 3.2 Convert between metric and apothecary measurements.
One Recall	PhT 3.3 Calculate dosage.
One Recall	PhT 3.4 Identify characteristics of dosage forms.
One Recall	PhT 3.5 Identify common terminology and abbreviations related to pharmacy.

Assessment Plan & Grading Scale

Grade	Scale	Description of Work
A	90 - 100%	Consistently demonstrates an exceptional level of quality and effort. Having all work in on time and completed to exceed expectations. Mastery in creating, evaluating, analyzing and applying the knowledge.
B	80 - 89%	Consistently demonstrates proficient knowledge with a good effort and quality of work. All assignments are complete and on time. Demonstrates the ability to evaluate, analyze, and apply the principles.
C	70 - 79%	Demonstrates proficient knowledge and the ability to apply knowledge. Work shows average effort. A few assignments may be missed or late.
D	60 - 69%	Work shows minimal effort and some assignments are late. Demonstrates a basic understanding of understanding or remembering knowledge.
F	Below 59%	Understanding is below basic. Work is of poor quality and does not meet standards or expectations.