

TEPT 1110

Introduction to Pharmacy

Course Description

This course serves as an introduction to the pharmacy technician profession, pharmacy technician roles, and the different types of pharmacies within the healthcare delivery system. Students are introduced to state and federal pharmacy practice laws, and the pharmacists' patient care process. Students learn the concepts of pharmacology, medications, and calculations needed to ensure patient safety.

Registration Restrictions: Acceptance into the pharmacy technician program

Course Student Learning Outcomes

- Compare and contrast the pharmacy technician's role, pharmacist's role, and other occupations in the healthcare environment.
- Describe and apply state and federal laws pertaining to pharmacy practice.
- Recognize and apply the pharmacists' patient care process. Relate the basic history of pharmacy to today's pharmacy practice. Demonstrate the technicians' role in the medication use process.

College Wide Student Learning Outcomes

- Students communicate effectively.
- Students develop quantitative literacies necessary for their chosen field of study.
- Students think critically.
- Students express themselves creatively.
- Students develop civic literacy and the capacity to be community-engaged learners who act in mutually beneficial ways with community partners.
- Students develop the knowledge and skills to work with others in a professional and constructive manner.
- Students develop information literacy.
- Students develop computer literacy.

Course Prerequisites

Admission to the Pharmacy Technician program at Salt Lake Technical College (SLTech).

Transfer/Certification/Licensure/Employment Information

Requirements for Licensure as a Pharmacy Technician in Utah

The pharmacy technician program at SLTech provides the necessary training and externship experiences to prepare students to become licensed as a technician with the Utah Division of Occupational and Professional Licensing (DOPL). Students must pass either the Pharmacy Technician Certification Examination (PTCE) or the Examination for the Certification of Pharmacy Technicians (ExCPT) to obtain a license. A 200-hour externship working in a pharmacy, along

with a successful BCI background check, including fingerprinting, are also required for licensure. More information on licensure can be found at the [Utah Department of Professional Licensing website](#).

Job Outlook for Pharmacy Technicians in Utah

There are an average of 440 pharmacy technician openings in Utah every year, and the profession is expected to grow by 2.23% annually according to the [Utah Department of Workforce Services](#). The median hourly wage for an inexperienced pharmacy technician in Utah is \$20.09/hr.

Communication Plan

I will respond to Canvas Inbox messages within 24 working hours. I will offer feedback on assignments within 7 days of the due date.

The best way to contact me is via the Canvas Inbox, but you may also call or text me during working hours at [REDACTED] I am usually in the office 8:30-5, Mon. through Fri.

Keys for Success (how to succeed in the course)

Plan to dedicate at least 5 to 9 hours per week in self-study outside of class to be successful in this course. Being on time and participating in class will greatly help you understand what you need to succeed in the program and as a pharmacy technician. If you are hesitant to ask a question in class for any reason, please reach to your instructor.

A large part of your grade will be determined by weekly assignments such as labs, quick check quizzes, and chapter quizzes. Assignments, including chapter quizzes, open on Sunday and close the following Sunday for that week's assignments. You have unlimited attempts, and your highest score is kept, so please take advantage of this to practice and improve on your scores. Chapter quizzes will not give you correct answers after an attempt, but you can still retake them to try for a higher score.

If you are behind or are having trouble grasping a concept, please utilize office hours to get more help. There are also campus resources that can provide a wide ranges of support services.

Course Content Warnings/Trigger Warnings

This course will cover human anatomy, physiology, and disease as they pertain to pharmacy practice. This may include (but is not limited to) depictions of blood, other bodily fluids, and medical procedures. We will work on building the respect required to help care for patients with a wide variety of diseases and health conditions.

Required Text or Materials



Title: Mosby's Pharmacy Technician Subtitle: Principles and Practice
 ISBN: 9780323734073
 Authors: Elsevier, Karen Davis, AAHCA, BS, CPhT, Anthony Guerra
 Publisher: Elsevier Publication Date: 2021-06-01 Edition: 6th Edition

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For more information on textbook accessibility, contact Accessibility & Disability Services at [REDACTED]

Brief Description of Assignments/Exams

Assignments in this course include:

- Attendance (10%)
- Labs and In-Class Exercises (30%)
- Chapter Quizzes (30%)
- Final Exam (30%)

Assignment Schedule

Week	Assignment Name	Assignment Type
1	Pharmacy Tech Program Orientation	
1	Syllabus — Introduction to Pharmacy	
1	Chapter 1 Slides — History of Medicine and Pharmacy	
1	Chapter 16 Drug Classifications and Chapter 5 Dosage Forms and Routes of Administration	
1	Lab Activity #16.1 — Drug Classifications	Quiz
1	Chapter 7 – Drug Information References	
1	Lab Activity #7.2 — Orange Book Terms	Assignment
1	Lab Activity #7.3 — Orange Book Equivalence Codes	Quiz
1	Lab Activity #7.4 — Therapeutic Equivalence Evaluations	Quiz
1	Lab Activity #7.5 — Identify the Pill	Quiz
1	Lab Activity #7.6 — Drug Monographs	Quiz
1	Chapter 16 Quiz — Drug Classifications	Quiz
1	Weekly Quiz - Chapters 5 & 16	Quiz
2	Chapter 2: Pharmacy Law, Ethics, and Regulatory Agencies	
2	Pharmacy Law Timeline Activity	Assignment

2	Lab Activity #2.1 — Pharmacy Law	Quiz
2	Chapter 14: Medication Safety and Error Prevention	
2	Lab Activity #14.3 — Confused Drug Names Table	Assignment
2	Lab Activity #14.4 — High Alert List Table	Quiz
2	Lab 14.6 — Do Not Crush Table	Quiz
2	Error-Prone Abbreviations Activity	Assignment
2	Chapter 2 Quiz — Pharmacy Laws, Ethics, and Regulatory Agencies	Quiz
2	Chapter 14 Quiz — Medication Safety	Quiz
3	Chapter 6: Conversions and Calculations	
3	Lab Activity #6.2	Quiz
3	Lab Activity #6.3	Quiz
3	Lab Activity #6.4	Quiz
3	Lab Activity #6.5	Quiz
3	Lab Activity #6.6	Quiz
3	Lab Activity #6.7	Quiz
3	Lab Activity #6.8	Quiz
3	Lab Activity #6.9	Quiz
3	Lab Activity #6.10	Quiz
3	Lab Activity #6.11	Quiz
3	Lab Activity #6.12	Quiz
3	Lab Activity #6.13	Quiz
3	Lab Activity #6.14	Quiz
3	Lab Activity #6.15	Quiz
3	Lab Activity #6.16	Quiz
3	Lab Activity #6.17	Quiz
3	Lab Activity #6.18	Quiz
3	Lab Activity #6.19	Quiz
3	Lab Activity #6.20	Quiz
3	Weekly Quiz – Chapter 6	Quiz
4	Chapter 19: Therapeutic Agents for the Musculoskeletal System	
4	Chapter 19 Reinforce Key Concepts	Quiz
4	Chapter 19 System Identifier I	Quiz
4	Chapter 19 System Identifier II	Quiz
4	Chapter 19 Matching	Quiz
4	Chapter 19 Research Activity	Discussion
4	Chapter 19 System Presentations	Assignment
4	Lab Activity #19.2 — Musculoskeletal System Drugs	Quiz
4	Lab Activity #19.4 — Musculoskeletal System Prescription Orders	Quiz
4	Weekly Quiz – Chapter 19	Quiz
5	Chapter 22: Therapeutic Agents for the Gastrointestinal System	
5	Chapter 22 Reinforce Key Concepts	Quiz
5	Chapter 22 System Identifier	Quiz
5	Chapter 22 Matching	Quiz

5	Lab Activity #22.1 — Gastrointestinal System Term	Quiz
5	Lab Activity #22.2 — Common Gastrointestinal System Drugs	Quiz
5	Lab 22.3 — Common Gastrointestinal System Drugs (OTC)	Quiz
5	Chapter 22 Research Activity	Discussion
5	Chapter 22 System Presentations	Assignment
5	Weekly Quiz – Chapter 22	Quiz
6	Chapter 20 – Therapeutic Agents for the Cardiovascular System	
6	Chapter 20 Reinforce Key Concepts	Quiz
6	Chapter 20 System Identifier	Quiz
6	Chapter 20 Matching	Quiz
6	Chapter 20 Research Activity	Discussion
6	Chapter 20 System Presentations	Assignment
6	Weekly Quiz – Chapter 20	Quiz
7	Chapter 21: Therapeutic Agents for the Respiratory	
7	Chapter 21 Reinforce Key Concepts	Quiz
7	Chapter 21 System Identifier	Quiz
7	Chapter 21 Matching	Quiz
7	Chapter 21 Research Activity	Discussion
7	Chapter 21 System Presentations	Assignment
8	Review for Final Exam	
8	Final Exam	Exam

Grading Scale

A	100% to 94%
A-	<94% to 90%
B+	<90% to 87%
B	<87% to 84%
B-	<84% to 80%
C+	<80% to 77%
C	<77% to 74%
C-	<74% to 70%
D+	<70% to 67%
D	<67% to 64%
D-	<64% to 60%
E	<60%

A minimum grade of 80% (a B-) is required to move forward in the program. Grades lower than a B- will require a retake of the course.

Institutional Policies

As members of our academic community, we would like to invite you to review the Institutional Syllabus which covers important policies and procedures. This document contains important

links for students on the code of student rights and responsibilities, academic integrity, and grading policies, Title IX and other important acknowledgements. By familiarizing yourself with this information, you can help us create a safe and respectful environment for everyone.

You can access the document by clicking on the following link:

<https://slcc.instructure.com/courses/530981/pages/institutional-syllabus>

Learning Support and Tutoring Services

We are pleased to offer a range of tutoring and learning support services to help you achieve your academic goals. Whether you need assistance with a specific subject or want to improve your study skills, you have many options for tutoring or other support.

To learn more about the services we offer and how to access them, please visit the Institutional Syllabus under the Tutoring and Learning Support tab:

<https://slcc.instructure.com/courses/530981/pages/institutional-syllabus>. We encourage you to take advantage of these resources to help you succeed in your studies. If you have any questions or would like to schedule a tutoring session, please don't hesitate to reach out to us. We are here to support you in any way we can.

Advising and Counseling Support Services

At our institution, we are committed to supporting your academic and personal growth. That's why we offer a range of advising and counseling services to help you navigate the challenges of college life. To learn more about the resources available to you and how to access them, please visit the Institutional Syllabus under the Advising and Counseling Support Services tab:

<https://slcc.instructure.com/courses/530981/pages/institutional-syllabus>. Our advising team and the support centers across campus are here to support you in achieving your goals and overcoming any obstacles you may face.

Student Academic Calendar

As students you should be aware of all important dates in the semester, such as the day that courses begin and end, as well as the drop date and the last day to withdraw. To learn more about those dates, navigate to the Student Academic Calendar below:

[SLCC Student Academic Calendar](#)

Additional Policies

Attendance Policy

Attendance is a non-negotiable requirement for the program, and we're held to specific standards by the Department of Occupational and Professional Licensing (DOPL) and the American Society of Health-System Pharmacists (ASHP). If absenteeism, tardiness, and/or leaving early drops your required didactic/simulated hours below the threshold, you may be required to retake the course. Work and externship hours need to be scheduled outside of class time.

There will be a 10% reduction in your attendance points for the day if you either a) arrive more

than 15 minutes late or b) leave more than 15 minutes early. Arriving late and leaving early would result in a 20% reduction in points.

Late Submissions Policy

Assignments, including quick check quizzes, labs, and chapter quizzes, may be submitted late but there is a 1.5% penalty per day late. The Final Exam is exempt from this policy and can only be taken outside the scheduled time by getting approval from your instructor.

Classroom Technology Policy

Please step out of the classroom if you need to send a text, take a call, or take care of any other business not related to what we are doing in class.

Individual Work on Labs and Chapter Quizzes

Studying in groups is highly encouraged to develop and retain understanding of concepts. However, quick check quizzes, labs, and chapter quizzes should be individual work unless we work them together in class. These assignments are 'open book' assignments, but they must be completed individually. You are encouraged to resubmit these assignments for a higher score and your highest score will be kept.