

CASPER COLLEGE COURSE SYLLABUS
PHTK 1710 01 Pharmacology/Pharmaceutical Products I

Semester/Year: Fall/15

Lecture Hours: 3

Lab Hours: 0

Credit Hours: 3

Class Time: 1:00-2:15

Days: Tuesday & Thursday

Room: LH103

Instructor's Name: Sheri Roumell BS, CPhT

Instructor's Contact

Office Phone: 307-268-3033

Email:

Information: email is the best way to reach me

sroumell@caspercollege.edu

Office Hours: Tues & Thurs 11:00 am –Noon, Wed 10:00 am – 12:00 noon & 1:00 pm – 2:00 pm

Course Description: This course provides an introductory study of therapeutic drug categories which will involve not only a consideration of commonly used drugs, but also basic principles of pharmacology and pharmaceuticals.

Statement of Prerequisites:

Prerequisites: admission to the Certificate or Associate of Science in pharmacy technology program or instructor permission.

Successful completion of PHTK 1500 or concurrent enrollment in PHTK 1500, and concurrent enrollment in PHTK 1600 and PHTK 1650. May be used as CE for licensed technicians.

Goal: ASHP Goals & Objectives

(2) Present an image appropriate for the profession of pharmacy in appearance and behavior.

(5) Apply self-management skills, including time management, stress management, and adapting to change.

(9) Demonstrate understanding of wellness promotion and disease prevention concepts, such as use of health screenings; health practices and environmental factors that impact health; and adverse effects of alcohol, tobacco, and legal and illegal drugs.

(11) Demonstrate knowledge and skills in areas of science relevant to the pharmacy technician's role, including anatomy/physiology and pharmacology.

(13) Demonstrate understanding of the pharmacy technician's role in the medication-use process.

(15) Demonstrate understanding of non-traditional roles of pharmacy technicians.

(16) Identify and describe emerging therapies.

(40) Assist pharmacists in medication therapy management.

Outcomes: Student will be able to:

- List or recognize with a 70% success rate or better: the therapeutic effects, use, and side effects for each prescription medication, nonprescription medication, or alternative therapy commonly used to treat diseases.
- List or recognize with a 70% success rate or better: the brand and generic name, standard pronunciation, dosage forms, and routes of administrations for each medication studied.
- Demonstrate a working knowledge of drug dosages, routes of administration, and interactions within the scope of the pharmacy technician responsibilities.
- Recognize errors in prescriptions and alert the pharmacist as needed.

- Read and understand drug labeling, packaging, and dosage information and dispense as prescribed.
- Use drug references to accurately identify generic and brand equivalents
- Identify drug classes and mechanisms of action and know why certain drugs are prescribed for particular disease states.

General Education Outcomes:

3. Solve problems using critical thinking and creativity
6. Use appropriate technology and information to conduct research

Course Objectives: see above objectives

Methodology: Lecture, Hybrid Moodle, video , discussion, AV material

Evaluation Criteria: Tests: 7 tests 50 pts each (350 points)

Final Exam: Comprehensive; points TBA

Quizzes: 12 quizzes 20 pts each with the lowest four scores being dropped. (160 points).

Moodle discussion: 8 discussions; 20 points each (160 points)

End of Chapter assignments: 7 assignments 25 points each (175 points)

Total possible points = 845 pts

Number of Points Earned	Grade Earned	%-age
760.5-845 points	A	90-100
676-760 points	B	80-89
591.5-675 points	C	70-79
507-591 points	D	60-69
0-506 points	F	0-59

Student must pass the class with at least a C in order to progress in the program, as this is a required professional course. Occasionally there will be extra credit available however, student cannot pass class due to extra credit. Student must have a C in order to be awarded extra credit.

Casper College may collect samples of student work demonstrating achievement of the above outcomes. Any personally identifying information will be removed from student work.

Required Text, Readings, and Materials: Ballington (2012), Pharmacology for Technicians, 5th Edition - Text w/ Study Partner CD and Pocket Drug Guide ISBN: 978-0-76385-233-7

Class Policies: Last Date to Change to Audit Status or to Withdraw with a W Grade: Last Date to Change to Audit Status or to Withdraw with a W Grade: November 12

Attendance: Attendance is mandatory. An absence is defined as attending less than 75% of the class period. Three absences may be excused; further absences will result in a lowering of one letter grade for each absence. An absence will be excused only if the instructor is notified prior to the absence.

Class Participation: Is expected. A penalty of 5% off of final grade may be assessed at instructor's discretion.

Make-up policy: Quizzes and tests may not be made up.

Exams: Exams must be taken in the pharmacy technology classroom. All exams and quizzes will be given via Moodle and are password protected.

Cell Phones: There is a no tolerance cell phone policy in all classes of the Pharmacy Technology program. Cell phones are to be turned **off** when entering the classroom.

Moodle discussions: In order to obtain credit (20 points/unit), responses to the assignments or questions must be posted to the threaded group discussion by the due date listed on the calendar. This timing is important because it affords your peers time to read your posting and formulate a response. One point will be taken off for each day the posting is late. Submissions received five days after the due date will receive a zero (0) for that assignment, regardless of quality. Postings must also indicate that you've read and have a grasp of the assigned materials. Those that reflect a poor working knowledge of the subject will be docked one point. In other words, just saying, "Yes, I agree with the author" is inadequate.

Note: Posting responses to threaded discussions is best done by first composing the response in a word processing system, and then cutting and pasting it into the threaded discussion area. By doing it this way, you will be able to edit, spell-check, and revise your writing. While I won't mark off for grammar and spelling errors in threaded discussions, proofreading is an act that should be second nature to college students! In addition, if you lose your Internet connection, you won't have to re-type everything, you'll only have to cut and paste again.

DISCUSSION/REPLY RUBRIC

The following rubric will be used in this class to generate points for the Discussion portion of your grade. The postings will be awarded points based on my judgment of where the posting falls within the various categories. Exemplary postings may be noted with the author's permission so that you will know how to score within the higher categories. Bonus points are completely at my discretion. Please note that you are graded separately for the initial posting and the reply(s).

	Unsatisfactory 0 points	Bare Minimum 2.5 point	Satisfactory 5 points	Very Good 7.5 points	Exceptional 10 points
Threaded Discussion Posting	No postings are made in the discussion board area.	An entry is posted but is brief or it has little in the way of thoughtful, substantive ideas concerning the assignment and/or course content related to it.	An entry has thoughtful, substantive ideas concerning assignment and/or course content related to it.	An entry includes one or both characteristics in the three-points box plus: entry includes an outside resource, an example, or specific reference to relevant material or real life.	The posting shows forethought and consideration and/or generates meaningful discussion and/or debate.
Threaded Discussion Reply	No postings are made in the discussion board area.	It fails to respond to fellow student(s); it is trite, inane, or else quite simple and just a personal remark; not a substantive reply (ex: "Good. I really liked your comment.")	It's responsive to at least one fellow student in a personalized, meaningful way.	The response to fellow student(s) clearly indicates and explains your position in relation to what fellow student(s) said (ex: agreeing, disagreeing, adding to, modifying, extending or questioning it.	Same as above.

GRADING

Discussion Posting.....	10 points
Reply.....	10 points
Total points/unit.....	20 points

Student Responses to Peers: In order to obtain credit (20 points/unit) for group discussion you must respond to the postings of two other peers by the due date listed on the calendar. Thus, you will have one week to post your initial responses and then another week to post your discussion of your classmates' responses. After that you will not receive credit for participation unless you are able to document special circumstances. These responses must provide evidence of some reflection and critical thinking. For example, replying, "Yes, I agree with you" is inadequate. You must at least say why you agree or disagree or add a new perspective to the original response. You may also question or politely challenge your classmates, which helps lead to better understanding and deeper discussions. Remember, there is no right or wrong answers in a discussion. I may occasionally interject a thought but will generally not "direct" the conversation.

Student Rights and Responsibilities: Please refer to the Casper College Student Conduct and Judicial Code for information concerning your rights and responsibilities as a Casper College Student.

Chain of Command: If you have any problems with this class, you should first contact the instructor to attempt to solve the problem. If you are not satisfied with the solution offered by the instructor, you should then take the matter through the appropriate chain of command starting with the Department Head/Program Director, the Dean, and lastly the Interim Vice President for Academic Affairs.

Academic Dishonesty: (Cheating & Plagiarism) Casper College demands intellectual honesty. Proven plagiarism or any form of dishonesty associated with the academic process can result in the offender failing the course in which the offense was committed or expulsion from school. See the Casper College Student Code of Conduct for more information on this topic.

Official Means of Communication: Casper College faculty and staff will employ the student's assigned Casper College email account as a primary method of communication. Students are responsible to check their account regularly. This is also, where you will find course evaluation links during course evaluation periods.

ADA Accommodations Policy: If you need academic accommodations because of a disability, please inform me as soon as possible. See me privately after class, or during my office hours. To request academic accommodations, students must first consult with the college's Disability Services Counselor located in the Gateway Building, Room 344, (307) 268-2557, bheuer@caspercollege.edu. The Disability Services Counselor is responsible for reviewing documentation provided by students requesting accommodations, determining eligibility for accommodations, and helping students request and use appropriate accommodations.

Calendar or schedule indicating course content:

<u>WEEK</u>	<u>Text Readings & Exercises</u>	<u>Homework Assignments</u>
Week 1	Chapters 1&2 (8/25 & 8/27) Quiz #1-Syllabus (8/25)	
Week 2	Chapter 3 (9/1 & 9/3) Test #1-Chap. 1&2 (9/1)	Chapter 1 & 2 due 9/1
Week 3	Chapter 4 (9/8 & 9/10) Test #2- Chap. 3 (9/8) Quiz #2- Sulfa/Macrolides (9/10)	Chapter 3 due 9/8
Week 4	Chapter 4 (9/15 & 9/17) Quiz #3-PCN/Quinolones (9/15)	
Week 5	Chapter 4 & 5 (9/22 & 9/24) Quiz #4- Cephalosporins/ TCNs/Misc. (9/22) Test # 3 – Chapter 4 (9/24)	Chapter 4 due 9/24
Week 6	Chapter 5 (9/29 & 10/1) Quiz #5- Antivirals (9/29)	
Week 7	Chapter 5 (10/6 & 10/8) Quiz #6- Antiretrovirals/Antifungals (10/6) Test #4- Chapter 5 (10/8)	Chapter 5 due 10/8
Week 8	Chapter 6 (10/13 & 10/15) Quiz #7-Anesthetics/Analgesics (10/13)	
Fall Break October 19-20		
Week 9	Chapter 6 (10/22) Quiz #8- Anesthetics/ Analgesics (10/22)	
Week 10	Chapter 7 (10/27 & 10/29) Test #5- Chap. 6 (10/29)	Chapter 6 due 10/29
Week 11	Chapter 7 (11/3 & 11/5) Quiz #9- Antidepressants (11/3)	
Week 12	Chapter 7 (11/10 & 11/12) Quiz #10-Antipsychotics (11/10)	
Week 13	Chapter 8 (11/17 & 11/19)	Chapter 7 due 11/17

Test #6- Chapter 7 (11/17)

Week 14

Chapter 8 (11/24)

Quiz #11-Anticonvulsants (11/24)

Thanksgiving Break November 25-27

Week 15

Chapter 8 (12/1 & 12/3)

Quiz #12-Parkinson's Agents (12/1)

Chapter 8 due 12/3

Test #7- Chap 8 (12/3)

Week 16

Flexible Week-Review

Final Exam

December 14-18