Lecture Hours: 3  Lab Hours: 0  Credit Hours: 3

Class Time: 1:00-2:15  Days: Tues/Thurs  Room: HS 208

Instructor’s Name: Sheri Roumell, AS, CPhT

Instructor's Office: HS 104  Office Phone: 307-268-3033  Email: sroumell@caspercollege.edu

Office Hours: Tues 11-12NOON, Wed 10-11, Thurs 10-11 & 2:30-3:30, Fri 11-12:00.

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 pharmaceutics.

Statement of Prerequisites:
Admission to the Certificate or Associate of Science in Pharmacy Technology program, or permission of instructor. Successful completion of PHTK 1500 or concurrent enrollment in PHTK 1500, 1600 and 1650. May be used as CE for licensed technicians.

Goals:
- Acquire drug knowledge and dispensing information needed for completing certification requirements and securing employment as pharmacy technicians.
- Help students develop a commitment to the pharmacy field with the hope that, as pharmacy technicians, they will be challenged by this constantly changing field and motivated to learn more about the body and the drugs that heal and make patients’ lives more comfortable.

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.
- Student will be able to 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.

**Methodology:**

Lecture, Hybrid WebCT, video, discussion, AV material

**Evaluation Criteria:**

**Tests:** 7 tests 50 pts each (350 points)

**Final Exam:** Comprehensive; TBA

**Quizzes:** 14 quizzes 10 pts each with the lowest four scores being dropped. The combined score of the best 10 quizzes will count as two tests (100 points).

**WebCT discussion:** 8 discussions; 15 points each (120 points)

Total possible points = 570 pts

<table>
<thead>
<tr>
<th>Number of Points Earned</th>
<th>Grade Earned</th>
<th>%-age</th>
</tr>
</thead>
<tbody>
<tr>
<td>513-570 points</td>
<td>A</td>
<td>90-100</td>
</tr>
<tr>
<td>456-512 points</td>
<td>B</td>
<td>80-89</td>
</tr>
<tr>
<td>399-455 points</td>
<td>C</td>
<td>70-79</td>
</tr>
<tr>
<td>342-398 points</td>
<td>D</td>
<td>60-69</td>
</tr>
<tr>
<td>0-341 points</td>
<td>F</td>
<td>0-59</td>
</tr>
</tbody>
</table>

Student must pass the class with at least a C in order to graduate, as this is a required professional course.

**Required Text:**


**Optional Text and Resources:**


Grogan, *Pharmacy Simplified. A Glossary of terms*

Sigler, *PHARMACY DRUG CARDS*

**Websites:**

[www.emcp.com](http://www.emcp.com) (a student resource center for sample quizzes)

**Class Policies:**

**Last Date to Change to Audit Status or to Withdraw with a W Grade:** N/A

**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. For papers, a penalty of 10% off per day late will be assessed to the final grade of the paper.

Exams: Exams must be turned in prior to the student leaving the room. Any exam that leaves the classroom prior to grading will result in zero points awarded for the exam. All exams MUST be turned in to the instructor after grading. Penalty is at the discretion of the instructor.

Web CT discussions: In order to obtain credit (15 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.

Student Responses to Peers: In order to obtain credit (15 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 are 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.

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.
ADA Accommodations Policy: It is the policy of Casper College to provide appropriate accommodations to any student with a documented disability. If you have a need for accommodation in this course, please make an appointment to see me at your earliest convenience.

Calendar or schedule indicating course content:

<table>
<thead>
<tr>
<th>WEEK</th>
<th>Text Readings &amp; Exercises</th>
<th>Workbook Assignments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week 1</td>
<td>Chapters 1&amp;2 (8/29 &amp; 8/31) Quiz #1-Syllabus (8/29)</td>
<td>pg. 3-13</td>
</tr>
<tr>
<td>Week 2</td>
<td>Chapter 3 (9/5 &amp; 9/7) Test #1-Chap. 1&amp;2 (9/5)</td>
<td>pg. 15-18</td>
</tr>
<tr>
<td>Week 3</td>
<td>Chapter 4 (9/12 &amp; 9/14) Test #2- Chap. 3 (9/12) Quiz #2- Sulfá/Macrolides (9/14)</td>
<td>pg. 21-30</td>
</tr>
<tr>
<td>Week 4</td>
<td>Chapter 4 (9/19 &amp; 9/21) Quiz #3-PCN/Quinolones (9/19)</td>
<td></td>
</tr>
<tr>
<td>Week 5</td>
<td>Chapter 5 (9/26 &amp; 9/28) Test # 3 – Chapter 4 (9/26) Quiz #4- Cephalosporins/TCNs/Misc. (9/28)</td>
<td>pg. 31-41</td>
</tr>
<tr>
<td>Week 6</td>
<td>Chapter 5 (10/3 &amp; 10/5) Quiz #5- Antivirals (10/5)</td>
<td></td>
</tr>
<tr>
<td>Week 7</td>
<td>Chapter 6 (10/10 &amp; 10/12) Test #4- Chapter 5 (10/10) Quiz #6- Antiretrovirals/Antifungals (10/12)</td>
<td>pg. 45-52</td>
</tr>
<tr>
<td>Week 8</td>
<td>Chapter 6 (10/17 &amp; 10/19) Quiz #7- Anesthetics/Analgesics (10/19)</td>
<td></td>
</tr>
</tbody>
</table>

FALL BREAK OCTOBER 23 & 24

| Week 9 | Chapter 6 (10/26) Quiz #8- Anesthetics/Analgesics (10/26) | |
| Week 10 | Chapter 7 (10/31 & 11/2) Test #5- Chap. 6 (10/31) Quiz #9- Antidepressants (11/2) | pg. 53-61 |
| Week 11 | Chapter 7 (11/7 & 11/9) Quiz #10-Antipsychotics (11/9) | |
Week 12
Chapter 7 (11/14 & 11/16)
Quiz #11-Antianxiety (11/16)

Week 13
Chapter 8 (11/21) pg. 63-70
Test #6- Chapter 7 (11/21)

Thanksgiving Break November 22-26

Week 14
Chapter 8 (11/28 & 11/30)
Quiz #12-Anticonvulsants (11/30)

Week 15
Chapter 8 (12/5 & 12/7)
Quiz #13-Parkinson’s Agents (12/7)

Week 16
Chapter 8 (12/12 & 12/14)
Quiz #14- ADHD/MS (12/12)
Test #7- Chap 8 (12/14)

Final Exam
TBA- Finals week