Pharmacology
HITT 1349

***** Note to Student *****

Student Success is our number one priority at Coastal Bend College and we realize that prompt, effective communication plays a significant role in achieving that goal. It is vitally important that you have the proper contact information for your instructor. This should include their phone number, email address, and if applicable, their office number, and office hours. If you ever have any problems contacting your instructor, or do not receive a prompt response to your inquiries, please contact the Assistant Dean of Workforce Training, or the Dean of Workforce, as soon as possible. Their contact information is provided below:

<table>
<thead>
<tr>
<th>Julia Garcia, Dean of Workforce Training</th>
<th>Noemi Aguilar, Assistant Dean of Workforce Training</th>
</tr>
</thead>
<tbody>
<tr>
<td>(830) 569-4222 X1202 <a href="mailto:jgarcia@coastalbend.edu">jgarcia@coastalbend.edu</a></td>
<td>(361) 354-2306 <a href="mailto:aguilar@coastalbend.edu">aguilar@coastalbend.edu</a></td>
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<tr>
<td>Coordinator of Professional Services: Juanita Dominguez: (361) 664-2981 X 3028 <a href="mailto:juanita@coastalbend.edu">juanita@coastalbend.edu</a></td>
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“For students in this course who may have a criminal background, please be advised that the background could keep you from being licensed by the State of Texas. If you have a question about your background and licensure, please speak with your faculty member or the Assistant Dean. You also have the right to request a criminal history evaluation letter from the applicable licensing agency.”

We wish you all the best in your education and encourage you to contact us if you have any questions or concerns.

Keeping student success in sight, faculty in each of the courses will review with students, course information with specific reading schedules, assignments, and testing information during the first week of class. Additionally, the course information will be posted to Blackboard (THECB 60x30TX compliance).

Course Description:

The course is an overview of the basic concepts of the pharmacological treatment of various diseases affecting major body systems. Starting from a brief review of the anatomy and pathophysiology of a given system it will look at the basic pharmaceutical drugs used to treat conditions of the given system in terms of how they are absorbed and affect the system in terms of treatment outcomes and side-effects.

Lecture Lab Hours: 2 / 4.

Semester Hour Credit: 3
Prerequisite: None

ISBN: 978-1-305-08735-4

Teaching Methods: The class is taught using Lecture, Class assignments, and assessments [tests].

End of Course Outcomes: Upon successful completion of this course the student will:
1. Distinguish between normal and abnormal physiology of major systems of the body
2. Have knowledge of basic terms related to drugs and drug therapies
3. Be able to describe what happens when drugs enter the body and how they work
4. List the major classifications of drugs that affect each body system
5. Have knowledge of commonly used drugs and how they work
6. Be able to describe common side effects or adverse reactions in the various classifications of drugs.
7. Identify the drugs associated with the treatment process

Evaluation Methods:
1. Exams
2. Classroom activities
3. Online assignments

Student Learning Outcomes:

1. The student will demonstrate critical thinking skills in being able to present in a stylistically correct research paper information about the way drugs are processed in the body to an anatomical site, types of medication and be able to discuss a particular medication types as it relates to a specific diseases in terms of its method of action, side effects, precautions, and possible drug interactions.

Assessment: Lecture
The assessment will be conducted by using a research paper to discuss the general topic of pharmacology and how drugs are used as medicine and processed in the body.

Target: Lecture
1. At least 90% of the student will score 75% or higher on the essay.

Assessment: Lab
The assessment will be conducted by using an exam: Test questions in exam will cover a specific body system and have short answer discussion questions reflecting conditions related to that body system and drugs used in treatment of conditions unique to that body system.
Target: Lab

1. At least 90% of the student will score 75% or higher on the exam.

<table>
<thead>
<tr>
<th>Week</th>
<th>Class Day I - Lecture Topic</th>
<th>Class Day II - Lecture Topic</th>
<th>Assignments / Assessments</th>
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<tbody>
<tr>
<td>1.</td>
<td>Study of Pharmacology</td>
<td>Drugs in the Body</td>
<td>Each chapter has quiz over the material in the readings.</td>
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<tr>
<td>2.</td>
<td>The Immune System</td>
<td>Immunologic Drugs</td>
<td>Each chapter will also have a discussion topic or assignment, or both, to practice the material in the chapter.</td>
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<td>3.</td>
<td>Skin and Dermatologic Drugs</td>
<td>Skeletal System Drugs</td>
<td>There is a mid-term and a final based upon the chapter quizzes.</td>
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<td>4.</td>
<td>The Nervous System</td>
<td>Neural Drugs</td>
<td>A 3-5 page research paper is done</td>
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<td>5.</td>
<td>Psychiatric and Mood Disorders</td>
<td>Pain, Headache and Anesthesia</td>
<td>Which is due near the end of the semester</td>
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<td>6.</td>
<td>Muscular System</td>
<td>Muscular System Drugs</td>
<td>Which will use source material to report on the history of a particular drug and its use as a medication.</td>
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<td>7.</td>
<td>Eye, Ear Nose, Throat Anatomy</td>
<td>Eye, Ear, Nose, Throat Drugs</td>
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<tr>
<td>8.</td>
<td>Cardiovascular System</td>
<td>Cardiovascular System Drugs</td>
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<td>9.</td>
<td>Blood and Drug Therapy</td>
<td>Respiratory System Drugs</td>
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<td>10.</td>
<td>Gastrointestinal System</td>
<td>Gastrointestinal System Drugs</td>
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<td>11.</td>
<td>Nutrition &amp; Metabolism Drugs</td>
<td>Endocrine System and Drugs</td>
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<td>12.</td>
<td>Reproductive Anatomy</td>
<td>Reproductive System Drugs</td>
<td></td>
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<tr>
<td>13.</td>
<td>Renal Anatomy</td>
<td>Renal System Drugs</td>
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<tr>
<td>14.</td>
<td>Fluids and Electrolytes</td>
<td>Cancer and Chemotherapy</td>
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<tr>
<td>15.</td>
<td>Review</td>
<td>Review</td>
<td></td>
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<tr>
<td>16.</td>
<td>Finals</td>
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Technical Support:

| Email Support:          | helpdesk@coastalbend.edu  
cabrigo@coastalbend.edu  
ycharles@coastalbend.edu |
|------------------------|---------------------------|
| Telephone Support:     | 866-722-2838 ext. 2508 (Toll Free)  
361.354.2508 (Direct Line) |
| Live Chat:             | Fall/Spring Hours: Monday-Thursday 8 a.m. to 8 p.m.; Friday 8 a.m. to 5 p.m.  
Summer Hours: Monday-Thursday 7 a.m. to 6 p.m. |

Tutoring Services: Coastal Bend College offers free tutoring services to all CBC students who need academic assistance. Services include One-on-One, Group, and Online tutoring to all current CBC students. The Tutoring Coordinator’s office is at CBC-Beeville in the Student Success Center (SSC), Room 140 which is in the R.W. Dirks building. The SSC’s hours of operation are Monday-Thursday from 8 am – 8 pm. Tutoring services are also available at all the CBC site locations and students can visit the site’s SSC. For questions regarding tutoring services, please contact the CBC Tutoring Coordinator at (361) 354-2838 ext. 2578 or visit us at our website at: http://coastalbend.edu/tutoring/.

<table>
<thead>
<tr>
<th>Beeville</th>
<th>Alice</th>
<th>Kingsville</th>
<th>Pleasanton</th>
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<tbody>
<tr>
<td>3800 Charco Road</td>
<td>704 Coyote Trail</td>
<td>1814 Brahma Blvd.</td>
<td>1411 Bensdale</td>
</tr>
<tr>
<td>Beeville, TX 78102</td>
<td>Alice, TX 78332</td>
<td>Kingsville, TX 78363</td>
<td>Pleasanton, TX 78064</td>
</tr>
<tr>
<td>1-866-722-2838</td>
<td>1-866-891-2981</td>
<td>1-866-262-1615</td>
<td>1-866-361-4222</td>
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Grady C. Hogue Learning Resource Center (Library): Located on the Beeville campus, the operation hours are Monday - Thursday 8:00 a.m. - 6:00 p.m.; Friday 8:00 a.m.- 5:00 p.m.

(Summer semesters will observe the CBC campus operation hours.) For locations and hours of CBC library in Alice, Kingsville, and Pleasanton sites please visit the library web page links below.

Grady C. Hogue Learning Resource Center (Library): http://lrc.coastalbend.edu/about  
Online Catalog : http://lrc.coastalbend.edu/catalog  
Library Website: http://lrc.coastalbend.edu/about  
Hours and Locations: http://lrc.coastalbend.edu/hours

Pleasanton Public Library: https://pleasanton.biblionix.com/  
115 N. Main St., Pleasanton, TX 78064  
Monday – Friday 9:00 a.m. – 6:00 p.m.  
Saturday 9:00 a.m. – 1:00 p.m.
Financial Aid: Resources are available for students for financial aid, work study, and veteran benefits. For additional information, visit our website at www.coastalbend.edu/finaid or contact us at 361-354-2238. Office hours: Monday-Thursday 7-6 and Friday 8-5 (THECB 60x30TX compliance.)

ADA Statement: No qualified individual with a disability shall, by reason of such disability, be excluded from participation in or be denied the benefits of the services, programs, or activities of the College District, or be subjected to discrimination by the College District. Nor shall the College District exclude or otherwise deny equal services, programs, or activities to an individual because of the known disability of an individual with whom the individual is known to have a relationship or association. 42 U.S.C. 12132; 28 CFR 35.130(g).


Students with Disabilities: Please notify your instructor of any modification/adaptation you may require to accommodate a disability-related need. You will need to provide documentation to the Director of Student Services so the most appropriate accommodations can be determined. Specialized services are available through the Office of Disability Services (SSB 4.104, 471-6259). For more information contact (361) 354-2300.

Scholastic Dishonesty: Each student is charged with notice and knowledge of the contents and provisions of Coastal Bend College’s rules and regulations concerning student conduct. All students shall obey the law, show respect for properly constituted authority, and observe correct standards of conduct. Scholastic dishonesty shall constitute a violation of these rules and regulations and is punishable as prescribed by Coastal Bend College Policies FLB (Local) and FM (Local). Scholastic dishonesty shall include, but not be limited to, cheating on a test, plagiarism, and collusion.

Use of E-mail for Official Correspondence to students: All students should be familiar with the college’s official email student notification policy. Students are expected to check their CBC email on a frequent and regular basis to stay current with college-related communications, recognizing that certain communications may be time-critical. CBC email format: last name with last four digits of social security number @study.coastalbend.edu and password is your student ID (ex. cougar1234@study.coastalbend.edu).

Copyright Law and Intellectual Property Rights Policy: Copyright is the right of an author, artist, composer or other creator of a work of authorship to control the use of his or her work by others. Protection extends to literary works, musical works, dramatic works, pantomimes and choreographic works, pictorial and graphic works, sculpture, motion pictures and other audiovisual works, sound recordings and architectural works. Generally speaking, a copyrighted work may not be reproduced by others without the copyright owner's permission. The public display or performance of copyrighted works is similarly restricted. Generally, the unauthorized reproduction, performance or distribution of a copyrighted work is copyright infringement and may subject the infringer to civil and criminal penalties. The Fair Use Doctrine outlines exceptions to this Law and is outlined in Coastal Bend College Policy, CT (Legal).
Coastal Bend College, its faculty, students and employees must comply with Copyright Law. Detailed information on Copyright Law and Intellectual Property Rights is available in Coastal Bend College Policy CT (Legal) and CT (Local).

Questions regarding this information should be directed to the Director of Library Services at: library@coastalbend.edu or the Office of Marketing and Public Relations at: socialmedia@coastalbend.edu.

Intellectual Property: Student /Third Party Works: Rights to copyrightable or patentable works created by a student or a third party, that is, not a College District employee, shall reside with the author/ creator. Detailed information on Copyright Law and Intellectual Property Rights is available in Coastal Bend College Policy CT (Legal) and CT (Local).

Questions regarding this information should be directed to Library Services at: library@coastalbend.edu.

NOTE: The College website (www.coastalbend.edu) serves as the main source with the most current version of the Coastal Bend College Board Policies and the Coastal Bend College Catalog.

(1-9-2018)