



Course Syllabus
Human Disease / Pathophysiology
MDCA1302

***** 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:

<i>Julia Garcia, Dean of Workforce Training</i> (830) 569-4222 X1202 jgarcia@coastalbend.edu	<i>Noemi Aguilar, Assistant Dean of Workforce Training</i> (361) 354-2306 aguilar@coastalbend.edu
	<i>Coordinator of Professional Services: Juanita Dominguez: (361) 664-2981 X 3028</i> juanita@coastalbend.edu

"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: A study of anatomy and physiology with emphasis on human pathophysiology, including etiology, prognosis, medical treatment, signs and symptoms of common diseases of all body systems.

Semester Hours Credit: 3

Lecture Lab Hours: 2 / 4

Prerequisite: none

Recommended: HITT1305 Medical Terminology

Text: Neighbors, Marianna and Tannehill-Jones, Ruth *Human Diseases: 4th edition*, Cengage Learning; ISBN: 978-1-2850-6592-2

End of Course Outcomes:

Upon successful completion of this course the student will:

1. Distinguish between normal and abnormal physiologic functions of all body systems
2. Identify etiology, signs, and symptoms, and diagnostic testing of typical diseases of all body systems
3. Correlate prognosis, medical treatment, and treatment procedures with patient morbidity and mortality.

Evaluation Methods:

1. Exams
2. Classroom activities
3. Online assignments
4. Laboratory Exercises

Student Learning Outcomes: Lecture

The student will demonstrate the ability to use *inquiry, and analysis, evaluation and synthesis of information* in gathering information concerning human disease in terms of its etiology, pathophysiology, epidemiology, diagnostic tests and present this data in a report that also draws conclusions about the prognosis of the course of treatment for that disease.

Assessment:

The assessment will be done by the preparation of a written report that discusses a disease in terms of its etiology, pathophysiology, epidemiology, diagnostic tests and contains conclusions about the prognosis for treatment for that disease.

Target:

At least 90% will present a report that is evaluated at 75% or greater in terms of completeness of information and validity of conclusions in the paper.

Student Learning Outcomes: Lab Work

The student will demonstrate knowledge of the basic lab tests and diagnostic procedures used in the diagnosis of human disease to support their ability to think critically in the understanding of diseases and their manifestations in humans.

Assessment:

The assessment will be done by a test over the meaning and use of basic diagnostic and related procedures.

Target:

At least 90% will score present at 75% or greater on test over the meaning and use of diagnostic and related procedures.

Detailed Syllabus

Week	Class Day Monday - Topic {Anatomy and Physiology also includes Signs and Symptoms}	Class Day Wednesday – Topic {Diseases also includes testing, treatment, and prognosis}	Assignments / Assessments
1.	Introduction	Causes of Disease and Cellular response	<i>Each Chapter:</i>
2.	Neoplasms	Inflammation and Infection	1. Short Glossary Question 2. Thinking Discussion Question
3.	Diseases of Immune System /Anatomy and Physiology	Anatomy, Physiology, Testing for Musculoskeletal System	<i>Major Tests</i>
4.	Diseases of Musculoskeletal System	Diseases of Blood and Blood Formation	Every 7 Chapters a Module test {3 in all}
5.	Cardiovascular Anatomy and Physiology	Diseases of Cardiovascular System	Final – Based on Module Tests.
6.	Respiratory Anatomy and Physiology	Diseases of Respiratory System	Laboratory – Each week there are two lab assignments based upon reading the chapter.
7.	Lymphatic System Disease	Digestive system Anatomy and Physiology	
8.	Disease of Digestive System	Liver, Gallbladder, Pancreatic Diseases	
9.	Urinary System Anatomy and Physiology	Urinary System Diseases	
10.	Endocrine System Disease	Nervous System Disease	
11.	Eye Anatomy, Physiology and Disease	Ear Anatomy, Physiology and Disease	
12.	Reproductive Anatomy and Physiology	Reproductive System Disease	



13.	Integumentary Anatomy and Physiology and Disease	Genetic and Developmental Disease	
14.	Childhood Diseases and Disorders	Mental Health Disease and Disorder	
15.	Review	Review	
16.	Finals Week		

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/>.

Beeville	Alice	Kingsville	Pleasanton
3800 Charco Road Beeville, TX 78102 1-866-722-2838	704 Coyote Trail Alice, TX 78332 1-866-891-2981	1814 Brahma Blvd. Kingsville, TX 78363 1-866-262-1615	1411 Bensdale Pleasanton, TX 78064 1-866-361-4222



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).

See at: [GA \(Legal\)](#)

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](mailto: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)