

MDCA 1302
Human Disease/Pathophysiology
Western Texas College

I. Basic Course Information

- A. 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.
- B. Prerequisites: MDCA 1409 [Anatomy and Physiology for Medical Assistants]

II. Student Learning Outcomes

- A. Distinguish between normal and abnormal physiologic functions of all body systems; identify etiology, signs, and symptoms of diseases of all body systems; and correlate the prognosis, medical treatment, and procedures with patient morbidity and mortality.

III. Online Testing Requirements

- A. The midterm and final exam must be proctored by an approved testing organization. (Ask your instructor for more details.)
- B. Students are not allowed to use their book or notes of any kind while taking their proctored tests and exams.

IV. Major Course Requirements: The grade for this course will be determined as follows:

- A. Exams: 40%
- B. Quizzes: 30%
- C. Homework: 30%
- D. Grading scale:
 - A= (90-100%)
 - B= (80-89%)
 - C= (70-79%)
 - D= (60-69%)
- E. Students must earn a grade "C" or higher to successfully complete this course.
- F. Students must attain a "C" or higher to remain in the program.

V. Information on Books and Other Course Materials

- A. Title: Essentials of Human Diseases and Conditions
- B. Author: Margaret Frazier, Jeanette Drzymkowski
- C. Edition: 6th

D. Publisher: ELSEVIER
E. ISBN: 9780323228367

VI. Other Policies, Procedures and important dates: Please refer to the WTC Course Catalog for the following:

- A. Campus Calendar
- B. Final exam schedule
- C. How to drop a class
- D. Withdrawal information
- E. Student Conduct/Academic Integrity
- F. Class Attendance
- G. Students with disabilities

VII. Course Sequence & Content

Week	Topic
Week 1	Course Overview Chapter 1: Mechanisms of Disease, Diagnosis, and Treatment
Week 2	Chapter 2: Developmental, Congenital, and Childhood Diseases and Disorders
Week 3	Chapter 3: Immunologic Diseases and Conditions Quiz 1
Week 4	Chapter 4: Diseases and Conditions of the Endocrine System
Week 5	Chapter 5: Diseases and Disorders of the Eye and Ear Quiz 2
Week 6	Chapter 6: Diseases and Conditions of the Integumentary System
Week 7	Chapter 7: Diseases and Conditions of the Musculoskeletal System Quiz 3

Week 8	Chapter 8: Diseases and Conditions of the Digestive System Midterm Exam
Week 9	Chapter 9: Diseases and Conditions of the Respiratory System Quiz 4
Week 10	Chapter 10: Diseases and Conditions of the Circulatory System
Week 11	Chapter 11: Diseases and Conditions of the Urinary System Quiz 5
Week 12	Chapter 12: Diseases and Conditions of the Reproductive System
Week 13	Chapter 13: Neurologic Diseases and Conditions
Week 14	Chapter 14: Mental Disorders Quiz 6
Week 15	Chapter 15: Disorders and Conditions Resulting from Trauma Course Review
Week 16	Final Exam

Disclaimer: Sequence & Content is subject to change at the instructor's discretion.