

MEDICAL DISORDERS - AH 134

Credits: 3

Course Description: This course is designed to introduce the student to common diseases and disorders of the human body across the lifespan and enforces medical terminology essential for today's students transitioning into the workforce in a medical setting. The student will accomplish this with instruction in an organized system by system approach in each chapter.

Course Objectives: The goal in this course is provided the student with a basic understanding of common medical disorders and appropriate interventions to enable them to function competently in the healthcare setting. Upon completion of this course the student should be able to:

- Discuss and understand common medical disorders/treatments of all body systems.
- List signs and symptoms of common system disorders.
- Identify basic diagnostic tests used to diagnose diseases and disorders and identify appropriate interventions.
- Understand the role of complementary treatments in system disorders.
- Describe causes and various types of cancers and appropriate treatments.

Instructor: Melissa Coleman, CMT, AHDI-F

Office: Thatcher Hall 2213

Office Hours: MWF 1:00 to 3:00; TuTh 10:00 to 12:00 and 1:00 to 3:00

Phone: 701-228-5642

Email: melissa.coleman@dakotacollege.edu

Lecture/Lab Schedule: M, W, F – 10:00 to 10:50

Textbooks/Required Materials: Human Diseases: A Systemic Approach, 7th Ed. (2010). ISBN: 0-13-515556-8.

Course Requirements:

- The student is expected to attend class and read assigned materials before coming to class to be prepared for discussion.
- The student will be required to complete all assignments and tests/quizzes. If a student does not make prior arrangements for late assignments, they are worth half credit.
- Exams are to be closed book, closed notes, and closed neighbors. Make-up exams are not allowed unless prior arrangements have been made in advance with the instructor. Only 1 make-up exam is allowed during the semester
- A final exam will be completed at the conclusion of 17 chapters.
- A letter grade (shown below) will be awarded upon the completion of the course.

Tentative Course Outline:

Week 1: January 15 – 17

Chapter 1: Introduction to Disease

Week 2: January 22– 24 (no class Monday, January 20)

Chapter 2: Immunity and the Lymphatic System

Week 3: January 27 – 31

Chapter 3: Infectious Disease

Week 4: February 3– February 7

Chapter 4: Cancer

Week 5: February 10– February 14

Chapter 5: Heredity and Disease

Week 6: February 17 – February 19 (No class Monday, February 17)

Chapter 6: Diseases of the Cardiovascular System

Week 7: February 24 – February 28

Chapter 7: Diseases of the Blood

Week 8 : March 3– March 7

Chapter 8: Diseases of the Respiratory System

Week 9: March 10 – March 14

Chapter 9: Diseases of the Gastrointestinal System

Week 10: March 17 – 21 – SPRING BREAK- NO SCHOOL

Week 11: March 24 – 28

Chapter 10: Diseases of the Urinary System

Week 12: March 31 – April 4

Chapter 11: Diseases and Disorders of the Reproductive System

Week 13: April 7 – April 11

Chapter 12: Disorders of the Endocrine System

Week 14: April 14 – 18 (No class Friday, April 18)

Chapter 13: Diseases of the Nervous System and the Special Senses

Week 15: April 21 – 25 (No class Monday, April 21)

Chapter 14: Mental Illness and Cognitive Disorders

Week 16: April 28 – May 2

Chapter 15: Musculoskeletal System

Week 17: May 5– May 9

Chapter 16: Diseases of the Integumentary System

Final Exam Review

FINAL EXAMINATION: May 9

Course Evaluation Method: Final grades will be based on the total number of points (766) received for the course.

- Chapter exams (7) will be worth 50 points each = 350 points
- Chapter assignments (15) will be worth 10 points each = 150 points
- Case studies (4) will be worth 10 points each = 40 points
- Video quizzes (4) will be worth 10 points each = 40 points
- Final Exam: 100 points
- Attendance: 86 points (2 points per day)

689 – 766 A = 90%

613 – 688 B = 80%

536 – 612 C = 70%

460 – 535 D = 60%

459 and below = FAIL

Classroom Policies: Respect for fellow students and the instructor is required. All cell phones and other electronic devices are to be turned off during class time.

Academic Integrity: All students are expected to adhere to the highest standards of academic integrity. Dishonesty in the classroom or laboratory and with assignments, quizzes and exams is a serious offense and is subject to disciplinary action by the instructor and college administration. For more information, refer to the Student Handbook.

Disabilities and Special Needs: If you have a disability for which you need accommodations, you are encouraged to contact your instructor and the Learning Center (228-5479 or 1-888-918-5623) to request disability support services as early as possible during the beginning of the semester.