

## 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 9:00 to– 10:00; 1:00 to 4:00; TuTh 1:00 to 4:00

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**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 9 – 11

Chapter 1: Introduction to Disease

#### Week 2: January 14– 18

Chapter 2: Immunity and the Lymphatic System

#### Week 3: January 21 – 25(no class Monday, January 21)

Chapter 3: Infectious Disease

**Exam 1:** Chapters 1, 2, and 3: Friday, January 25

#### Week 4: January 28 – February 1

Chapter 4: Cancer

#### Week 5: February 4 – February 8

Chapter 5: Heredity and Disease

**Exam 2:** Chapters 4 and 5; Friday, February 8

**Week 6: February 11 – February 15**

Chapter 6: Diseases of the Cardiovascular System

**Week 7: February 18 – February 22 (No class Monday, February 18)**

Chapter 7: Diseases of the Blood

**Exam 3:** Chapters 6 and 7- Friday, February 22

**Week 8 : February 25 – March 1**

Chapter 8: Diseases of the Respiratory System

**Week 9: March 4 – March 8**

Chapter 9: Diseases of the Gastrointestinal System

**Exam 4:** Chapters 8 and 9: Friday March 8

**Week 10: March 11 – 15 – SPRING BREAK- NO SCHOOL**

**Week 11: March 18 – 22 (No Class Wednesday, March 20)**

Chapter 10: Diseases of the Urinary System

**Week 12: March 25 – March 29 (no class Friday, March 29)**

Chapter 11: Diseases and Disorders of the Reproductive System

**Exam 5:** Chapters 10 and 11 – Wednesday, March 27

**Week 13: April 1 – April 5 (No class April 1)**

Chapter 12: Disorders of the Endocrine System

**Week 14: April 8 – April 12**

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

**Week 15: April 15 – April 19**

**Exam 6:** Chapters 12 and 13 – Monday, April 15

Chapter 14: Mental Illness and Cognitive Disorders

**Week 16: April 22 – April 26**

Chapter 15: Musculoskeletal System

**Week 17: April 29 – May 3**

Chapter 16: Diseases of the Integumentary System

**Exam 7:** Chapters 14, 15, and 16

**Final Exam Review**

**FINAL EXAMINATION: May 6 – May 9**

**Course Evaluation Method:** Final grades will be based on the total number of points (686) 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
- Final Exam: 100 points
- Attendance: 86 points (2 points per day)

644 – 686 A = 94%

603 – 643 B = 88%

562 – 602 C = 82%

521 – 561 D = 76%

520 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.