

**Dakota College at Bottineau  
Course Syllabus  
Spring 2014 Online**

**Course Prefix/Number/Title:**

AH134 Medical Disorders (3 credits)

**Course Description:**

This course provides the student with a basic understanding of human diseases and appropriate interventions. Content includes statistics, risk factors, signs and symptoms, diagnostic studies, and treatments specific to each disease/disorder.

**Pre-/Co-requisites:**

AH171 – Medical Terminology

**Course Objectives:**

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

**Instructor:**

Kim McDaniel RN

**Office:**

N/A – online course

**Office Hours:**

N/A – contact instructor via email or cell phone (480.216.9652)

**Email:**

Use course email. The instructor checks course email once a day, Sunday-Thursday, excluding holidays and will respond daily. A response can be expected within 24 hours. However, if a message is sent on Thursday afternoon, a response should not be expected until Sunday. Please plan accordingly.

**Lecture/Lab Schedule:**

This course does not have a required lab. Lecture notes and slide presentations are found online within the course. Instructor will check the course at a minimum of once per day, Sunday-Thursday, excluding holidays.

**Textbook(s):**

Zelman, et.al. Human Diseases: A Systemic Approach. 7<sup>th</sup> Ed. (2010) ISBN: 0-13-515556-8.

**Course Requirements:**

- Students are expected to have read the assigned chapters for the week as well as the posted lecture notes and/or Power Point presentations.
- Students are responsible for checking their email and the course forums on a regular basis and will be responsible for the contents.
- Discussion questions will be posted on the course forum. All students are expected to respond and take part in the discussion. Students will receive credit for their postings and participation in the course.
- Students are expected to post a note in the "Introduction" forum when they sign onto the course. This will give all students a chance to read about other class members.

**Tentative Course Outline:**

*Week 1:*

- Chapter 1: Introduction to Disease
- Chapter 2: Immunity and the Lymphatic System
- Chapter 3: Infectious Diseases

*Week 2:*

- Chapter 4: Cancer
- Chapter 5: Heredity and Disease
- **EXAM I over chapters 1-5.**

*Week 3:*

- Chapter 6: Diseases of the Cardiovascular System
- Chapter 7: Diseases of the Blood
- Chapter 8: Diseases of the Respiratory System

*Week 4:*

- Chapter 9: Diseases of the Gastrointestinal System
- **EXAM II over chapters 6-9.**
- Chapter 10: Diseases of the Urinary System

*Week 5:*

- Chapter 11: Diseases and Disorders of the Reproductive System
- Chapter 12: Diseases of the Endocrine System
- Chapter 13: Diseases of the Nervous System and the Special Senses

*Week 6:*

- **EXAM III over chapters 10-13**
- Chapter 14: Mental Illness and Cognitive Disorders
- Chapter 15: Musculoskeletal System

*Week 7:*

- Chapter 16: Diseases of the Integumentary System
- **EXAM IV over chapters 14-16**

*Week 8:*

- **COMPREHENSIVE FINAL EXAM**

**Relationship to Campus Theme:**

The purpose of this course is to provide the student with a basic understanding of common medical disorders and appropriate interventions to enable them to function competently in the healthcare setting.

**Classroom Policies:**

- All students have 8 weeks to complete the course.
- Each student is responsible to keep track of their progress through the course.
- Assignment questions will be listed in the course contents. The assignments are mandatory, not optional. All assignments must be submitted by the last day of the term or a grade of zero will be given for the uncompleted assignments.
- There will be four exams throughout the semester. Exams will be taken in the week assigned. All exams are timed. You are not allowed to “preview” an exam.
- Exams are to be closed book, closed notes, and closed neighbors.
- The instructor reserves the right to post additional assignments if she deems necessary for student learning.
- The final exam is comprehensive.
- All students are required to complete an online evaluation (survey) at the end of the course.

### **Academic Integrity:**

Students must complete all work themselves. Cheating and/or plagiarism will not be tolerated. Please see campus policies online. All references used must be properly cited.

### **Disabilities and Special Needs:**

Please inform the instructor within the first week of classes if any assistance is required due to disabilities or special needs.