

**MA 162 Course Outline as of Fall 2005****CATALOG INFORMATION**

Dept and Nbr: MA 162 Title: DISEASE PROCESSES

Full Title: Disease Processes

Last Reviewed: 2/14/2022

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	4.00	Lecture Scheduled	4.00	17.5	Lecture Scheduled	70.00
Minimum	4.00	Lab Scheduled	0	1	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	4.00		Contact Total	70.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 140.00

Total Student Learning Hours: 210.00

Title 5 Category: AA Degree Applicable

Grading: Grade Only

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly: MA 62

**Catalog Description:**

Emphasis on body systems and terminology of medical specialties with development, analysis, interpretation and application of advanced medical terminology used in a variety of medical settings. This includes advanced terminology related to body systems and medical specialties and associated with anatomic terms, pathophysiology, diagnoses, symptoms, conditions, medical and surgical procedures, clinical and diagnostic laboratory, and medications.

**Prerequisites/Corequisites:**

Course Completion of HLC 160 ( or HLC 60) and Course Completion of ANAT 51 OR Course Completion of HLC 160 ( or HLC 60) and Course Completion of ANAT 1 OR Course Completion of HLC 160 ( or HLC 60) and Course Completion of ANAT 58

**Recommended Preparation:**

Eligibility for ENGL 100 or ESL 100

**Limits on Enrollment:****Schedule of Classes Information:**

Description: Emphasis on the body systems and the development and application of advanced medical language associated with anatomy and human disease. (Grade Only)

Prerequisites/Corequisites: Course Completion of HLC 160 ( or HLC 60) and Course Completion of ANAT 51 OR Course Completion of HLC 160 ( or HLC 60) and Course Completion of ANAT 1 OR Course Completion of HLC 160 ( or HLC 60) and Course Completion of ANAT 58

Recommended: Eligibility for ENGL 100 or ESL 100

Limits on Enrollment:

Transfer Credit:

Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>CSU Transfer:</b>		Effective:	Inactive:
<b>UC Transfer:</b>		Effective:	Inactive:

**CID:**

**Certificate/Major Applicable:**

Both Certificate and Major Applicable

## **COURSE CONTENT**

### **Outcomes and Objectives:**

Upon completion of this course, the student will be able to:

1. Relate the main functions and physiology of each of the body systems to the pathology that affects these body systems.
2. Identify and/or describe the most common diseases and their signs and symptoms, incidence, etiology, diagnoses and treatment for each body system.
3. Discuss disease processes, infectious diseases, neoplasia, congenital abnormalities, and nutrition's role in many diseases.
4. Define the most common abbreviations and correctly spell and pronounce common medical terms used in medical specialties.
5. Read, interpret, and analyze medical transcription reports.
6. Compile a medical history and physical, incorporating medical language and using proper format and sequencing of events.
7. Access and evaluate current medical information regarding diseases of various body systems utilizing the Internet and other resources.

### **Topics and Scope:**

- I. Body Systems and Pathology
  - A. Review main functions
  - B. Review physiology
- II. Analysis of the Most Common Diseases of the Integumentary, Musculoskeletal, Cardiovascular, Hematic, Lymphatic, Respiratory,

## Urinary, Male and Female Reproductive, Endocrine, and Digestive Systems

- A. Pathophysiology
- B. Etiology
- C. Signs and symptoms
- D. Diagnostic procedures
- E. Treatments
- F. Prognosis

## III. Common Medical Terms and Abbreviations in Medical Specialties

## IV. Analysis of Medical Reports

## V. Nutrition's Role in Disease

## VI. Resources for Medical Information

- A. Websites and other sources
- B. Techniques for unique and interesting medical presentations

### Assignment:

1. Read 20-30 pages from textbook per week.
2. Complete writing assignments including but not limited to:
  - a. Analyze 2-4 history and physical medical reports
  - b. Write 1-3 histories and physicals
  - c. Prepare 4-6 disease presentations for selected body systems (10- 20 minute oral presentations)
  - d. Write a comprehensive 4-8 page research paper on a medical disease or disorder
  - e. Interpret 4-6 case studies and medical records.
3. Complete problem solving exercises related to disease process and diagnosis, medical abbreviations, and nutrition.
4. Quizzes (3-6); final exam.

### Methods of Evaluation/Basis of Grade:

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Written homework, Term papers

Writing  
5 - 20%

**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Problem solving exercises.

Problem solving  
5 - 20%

**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Oral presentations.

Skill Demonstrations  
5 - 20%

**Exams:** All forms of formal testing, other than skill performance exams.

Multiple choice, True/false, Matching items, Short answer

Exams  
60 - 80%

**Other:** Includes any assessment tools that do not logically fit into the above categories.

None

Other Category  
0 - 0%

**Representative Textbooks and Materials:**

DISEASES OF THE HUMAN BODY, 4th Ed. Tampo, Carol D. FA Davis, 2005.