

**MA 162 Course Outline as of Fall 2013****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	17.5	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 and CS 60.11A and ANAT 58; OR Course Completion of HLC 160 and CS 60.11A and ANAT 140 and HLC 140

**Recommended Preparation:**

Eligibility for ENGL 1A or equivalent

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

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. (Grade Only)

Prerequisites/Corequisites: Course Completion of HLC 160 and CS 60.11A and ANAT 58; OR Course Completion of HLC 160 and CS 60.11A and ANAT 140 and HLC 140

Recommended: Eligibility for ENGL 1A or equivalent

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:
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<b>CSU Transfer:</b>	Effective:	Inactive:
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<b>UC Transfer:</b>	Effective:	Inactive:
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**CID:**

**Certificate/Major Applicable:**

Both Certificate and Major Applicable

## **COURSE CONTENT**

### **Outcomes and Objectives:**

1. Relate the main functions and physiology of each of the body systems to the associated pathology.
2. 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. State and define the most common abbreviations used in medical terminology and correctly spell and pronounce common medical terms used in medical specialties.
5. Read and interpret medical transcription reports.
6. Compile a medical history and physical (H and P forms), 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:**

1. Review Body Systems Relating to Pathology.
  - a. main functions
  - b. physiology
2. Analysis of the most common diseases of the human body systems; etiology, symptoms, pathophysiology, diagnostics, treatments and prognosis of:

- a. Integumentary
- b. Musculoskeletal
- c. Cardiovascular
- d. Hematic
- e. Lymphatic
- f. Respiratory
- g. Urinary
- h. Reproductive
- i. Endocrine
- j. Digestive
- k. Neurological

3. Common medical terms and abbreviations in medical specialties.

4. Preparation, review and compilation of medical reports.

5. Nutrition's role in disease.

6. Resources for medical information.

- a. Websites and multi-media
- b. Books and journals of medical presentations of diseases

**Assignment:**

- 1. Read 20-30 pages from textbook per week.
- 2. Complete writing assignments including but not limited to:
  - a. Analyze 1-2 history and physical medical reports
  - b. Prepare 1 disease presentation for a selected body system (10- 15 minute oral presentation)
  - c. Write a comprehensive 3-5 page research paper on a medical disease or disorder
  - d. Interpret 2-4 case studies and review 2-4 medical records.
- 3. Complete weekly homework problem-solving exercises to review in class.
- 4. Quizzes (3-6).
- 5. 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  
15 - 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 - 10%

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

Quizzes and final exam

Exams  
60 - 75%

**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, 5th Ed. Tampo, Carol D., FA Davis, 2012