MA 162 Course Outline as of Fall 2020

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 diseases of 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 ANAT 140, HLC 140, HLC 160, LIR 10, and PSYCH 1A; AND Concurrent Enrollment in MA 160, MA 161, MA 163, MA 167

Recommended Preparation:
Eligibility for ENGL 1A or equivalent

Limits on Enrollment:

Schedule of Classes Information:
Description: Emphasis on diseases of 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 ANAT 140, HLC 140, HLC 160, LIR 10, and PSYCH 1A; AND
Concurrent Enrollment in MA 160, MA 161, MA 163, MA 167
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:

AS Degree:	**Area**	Effective:	Inactive:
CSU GE:	**Transfer Area**	Effective:	Inactive:
IGETC:	**Transfer Area**	Effective:	Inactive:

CSU Transfer:	Effective:	Inactive:
UC Transfer:	Effective:	Inactive:

CID:

Certificate/Major Applicable:
Both Certificate and Major Applicable

COURSE CONTENT

Student Learning Outcomes:
At the conclusion of this course, the student should be able to:
1. Identify and/or describe the most common diseases and their signs, symptoms, incidence, etiology, diagnoses, and treatment for each body system.
2. Discuss nutritional guidelines and treatments for each body system as it relates to disease.

Objectives:
Students will be able to:
1. Relate the main functions and physiology of each of the body systems to the associated pathology.
2. Discuss disease processes, infectious diseases, neoplasia, congenital abnormalities, and nutrition's role in many diseases.
3. State and define the most common abbreviations used in medical terminology and correctly spell and pronounce common medical terms used in medical specialties.
4. Access and evaluate current medical information regarding diseases of various body systems utilizing the Internet and other resources.

Topics and Scope:

I. Review Body Systems Relating to Pathology
   A. Main functions
   B. Physiology

II. Analysis of the Most Common Diseases of the Human Body Systems
   A. Integumentary
   B. Musculoskeletal
   C. Cardiovascular
   D. Hematic
   E. Lymphatic
   F. Respiratory
   G. Urinary
   H. Reproductive
   I. Endocrine
   J. Digestive
   K. Neurological
III. Common Medical Terms and Abbreviations in Medical Specialties
IV. Nutrition's Role in Disease
V. 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. Prepare 1 disease presentation for a selected body system (7 - 15 minute oral presentation)
   b. Write a comprehensive 3-5 page research paper on a medical disease or disorder
   c. Interpret 2-4 case studies and review 2-4 medical records
3. Complete weekly homework problem-solving exercises to review in class
4. Quiz(zes) (1-15)
5. Midterm
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, research paper	Writing 15 - 20%

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

Problem solving exercises; case studies and medical records	Problem solving 5 - 20%

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

Oral presentation	Skill Demonstrations 5 - 10%

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

Quiz(zes), midterm 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. 6th ed. Tamparo, Carol. FA Davis. 2016