

Course discipline/number/title: HIMC 2600: Human Diseases for Health Professionals

A. CATALOG DESCRIPTION

1. Credits: 3
2. Hours/Week: 3 Lecture
3. Prerequisites (Course discipline/number): None
4. Other requirements: College level reading skills, appropriate score on RCTC placement test or completion of appropriate developmental course with grade of C or better.
5. MnTC Goals (if any): NA

B. COURSE DESCRIPTION This course develops an understanding of the clinical knowledge base covering various areas of medical practice, provides fundamental information about normal body function, major disease conditions affecting all the major body systems and medications commonly used for those diseases. Focus will be to enhance professional communication within the health care environment by being able to associate basic treatment terminology and procedures with common disease conditions and the body system involved. College level reading skills, appropriate score on RCTC placement test or completion of appropriate developmental course with grade of C or better.

C. DATE LAST REVISED (Month, year): February, 2019

D. OUTLINE OF MAJOR CONTENT AREAS:

1. Normal body function, diseases, and treatments for the human body systems
 - a) Lymphatic/Circulatory
 - b) Special Senses
 - c) Endocrine
 - d) Digestive
 - e) Urinary
 - f) Reproductive
 - g) Nervous
 - h) Skeletal
 - i) Muscular
 - j) Respiratory
 - k) Cardiovascular
 - l) Integumentary
2. Disease testing and treatments for body systems and medical specialties
 - a) Lymphatic/Circulatory
 - b) Special Senses
 - c) Endocrine
 - d) Digestive
 - e) Urinary
 - f) Reproductive
 - g) Nervous
 - h) Skeletal
 - i) Muscular
 - j) Respiratory
 - k) Cardiovascular
 - l) Integumentary
3. Oncology
4. Psychiatry
5. Radiology

E. LEARNING OUTCOMES (GENERAL): The student will be able to:

1. Identify body function and organizational terms.
2. Explain the mechanism of disease.

- E. LEARNING OUTCOMES (GENERAL): The student will be able to: Continued. . .
3. Describe normal function, diseases, basic medications and treatment modalities including surgical intervention and diagnostic testing for disease processing in the following twelve body systems: Lymphatic/Circulatory, Special Senses, Endocrine, Digestive, Urinary, Reproductive, Nervous, Skeletal, Muscular, Respiratory, Cardiovascular, and Integumentary.
 4. Articulate the terminology and purpose of the following medical specialties: Oncology, Psychiatry, and Radiology.
 5. Apply medical terminology, diagnostic procedures, and the medications, treatment modalities pertaining to diseases, injuries, and abnormalities of the human body
- F. LEARNING OUTCOMES (MNTC): NA
- G. METHODS FOR EVALUATION OF STUDENT LEARNING: Methods may include but are not limited to:
1. Textbook assignments
 2. Research paper
 3. Tests
- H. RCTC CORE OUTCOME(S). This course contributes to meeting the following RCTC Core Outcome(s): Critical Thinking. Students will think systematically and explore information thoroughly before accepting or formulating a position or conclusion.
- I. SPECIAL INFORMATION (if any): None