MINNESOTA WEST COMMUNITY AND TECHNICAL COLLEGE
COURSE OUTLINE

DEPARTMENT: ADSM

COURSE NUMBER: 1115

COURSE TITLE: Anatomy & Physiology/Disease Conditions II

CATALOG DESCRIPTION: This course is a continuation of human anatomy and disease with emphasis on terminology, abbreviations, and disease process. The study of diseases follows anatomical systems.

AUDIENCE: Medical administrative secretary and medical secretary students, students considering such a career, or anyone wishing to update or enhance their knowledge of human anatomy and physiology.

FULFILLS MN TRANSFER CURRICULUM AREA(S): does not apply

PREREQUISITES OR NECESSARY ENTRY SKILLS/KNOWLEDGE: none

LENGTH OF COURSE: 2 hours per week for 16 weeks

THIS COURSE IS USUALLY OFFERED:

Every Other year ☐  Fall ☐  Spring X  Summer ☐ undetermined ☐

Four goals are emphasized in courses at Minnesota West Community and Technical College:

1. ACADEMIC CONTENT: The student will develop a basic understanding of the structure and function and disease conditions of the seven body systems not covered in ADSM1110 - Anatomy & Physiology/Disease Conditions I.

2. THINKING SKILLS: The student will understand disease processes affecting each of the body systems studied by applying knowledge of the anatomy/physiology of each system.

3. COMMUNICATIONS SKILLS: The student will participate in learning basic anatomy/physiology and disease conditions by collaborating with the instructor and other students.
4. **HUMAN DIVERSITY**: The student will appreciate the individual differences of human anatomy and physiology as well as genetic and lifestyle differences which may contribute to disease conditions.

**TOPICS TO BE COVERED**: The anatomy, physiology and common disease conditions of the following body systems: endocrine, circulatory, lymphatic, respiratory, digestive, urinary, & reproductive; and terminology, abbreviations and diagnostic tests as they apply to the above topics.

**LIST OF EXPECTED COURSE OUTCOMES:**

1. Explain various methods of disease prevention.
2. Identify the structures of each of the following body systems: endocrine, circulatory, lymphatic, respiratory, digestive, urinary & reproductive.
3. Identify the functions of each of the following body systems: endocrine, circulatory, lymphatic, respiratory, digestive, urinary & reproductive.
4. Identify signs/symptoms, etiology, diagnosis and treatment of common diseases of the endocrine system.
5. Identify signs/symptoms, etiology, diagnosis and treatment of common diseases of the circulatory system.
6. Identify signs/symptoms, etiology, diagnosis and treatment of common diseases of the lymphatic system.
7. Identify signs/symptoms, etiology, diagnosis and treatment of common diseases of the respiratory system.
8. Identify signs/symptoms, etiology, diagnosis and treatment of common diseases of the digestive system.
9. Identify signs/symptoms, etiology, diagnosis and treatment of common diseases of the urinary system.
10. Identify signs/symptoms, etiology, diagnosis and treatment of common diseases of the reproductive system.
11. Correctly use terminology and abbreviations which apply to each area of study.

**LEARNING/TEACHING TECHNIQUES used in the course are:**

- [x] Collaborative Learning
- [ ] Student Presentations
- [ ] Creative Projects
- [x] Lecture
- [ ] Problem solving
Interactive Lectures
Individual Coaching
Films/Videos/Slides

Demonstrations
Lab

ASSIGNMENTS AND ASSESSMENTS FOR THIS CLASS INCLUDE:

- X Reading
- X Test
- □ Individual Projects
- □ Oral presentations
- □ Worksheets
- □ Collaborative Projects
- □ Textbook Problems
- □ Papers
- □ Portfolio
- □ Group problems
- □ Term Paper
- □ Other (describe below)

Veteran Services: Minnesota West is dedicated to assisting veterans and eligible family members in achieving their educational goals efficiently. Active duty and reserve/guard military members should advise their instructor of all regularly scheduled military appointments and duties that conflict with scheduled course requirements. Instructors will make every effort to work with the student to identify adjusted timelines. If you are a veteran, please contact the Minnesota West Veterans Service Office.

The information in this course outline is subject to revision

To receive reasonable accommodations for a documented disability, please contact the campus Student Services Advisor or campus Disability Coordinator as arrangements must be made in advance. In addition, students are encouraged to notify their instructor.

This document is available in alternative formats to individuals with disabilities by contacting the Student Services Advisor or by calling 800-658-2330 or Minnesota Relay Service at 800-627-3529 or by using your preferred relay service.

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