Faculty is required to have the outline submitted to the Academic Affairs Office. The course outline is the form used for approval of new courses by the Academic Affairs and Standards Council.

DEPT.  HC  COURSE NUMBER: 2120

NUMBER OF CREDITS:  3

COURSE TITLE: Disease Conditions

CATALOG DESCRIPTION:

Introduces basic principles of disease and includes the study of disease by body system. The signs and symptoms, etiology, diagnosis, and treatment of each disease is explored; and prevention of disease is emphasized. Medical terminology and anatomy/physiology knowledge acquired in previous courses is applied.

AUDIENCE: Students enrolled in Allied Health Education Programs that require completion of this course.

FULFILLS MN TRANSFER CURRICULUM AREA(S) (Leave blank if not applicable)
Area: by meeting the following competencies:
Area: by meeting the following competencies:
Area: by meeting the following competencies:

PREREQUISITES OR NECESSARY ENTRY SKILLS/KNOWLEDGE: HC1151 – Body Structure & Function or consent of instructor

LENGTH OF COURSE: 1 semester

THIS COURSE IS USUALLY OFFERED:
Every other year ☐  fall X  spring X  summer ☐  undetermined ☐

Four GOALS are emphasized in course at Minnesota West Community & Technical College:
1) **ACADEMIC CONTENT:** The student will develop a basic understanding of disease including the signs and symptoms, etiology, diagnosis and treatment of common disease conditions occurring in each of the body’s anatomical systems.

2) **THINKING SKILLS:** This course will help students improve the effectiveness of their thinking skills by applying their prior knowledge of medical terminology and anatomy/physiology to understand disease.

3) **COMMUNICATION SKILLS:** This course will help students improve their oral and written communication skills by sharing information, posing questions of interest and sharing personal experience through participation in online discussions.

4) **HUMAN DIVERSITY:** This course will help students recognize, understand, and appreciate the diversity of genetic and lifestyle differences which may contribute to disease conditions.

**TOPICS TO BE COVERED:** Disease and disease-producing microorganisms. Body immunity, defenses and vaccines. Disease prevention. The signs and symptoms, etiology, diagnostic testing and treatment of common disease conditions of the following body systems: integumentary, musculoskeletal, nervous, sensory, endocrine, circulatory, lymphatic, respiratory, digestive, urinary and reproductive.

**LIST OF EXPECTED COURSE OUTCOMES:**

1. Define disease terminology.
2. Understand direct and predisposing causes of disease conditions.
3. List types and characteristics of microorganisms.
4. Explain the cycle of infection.
5. Discuss body defenses and immunity.
7. Identify signs/symptoms, etiology, diagnosis and treatment of disease of the integumentary system.
8. Identify signs/symptoms, etiology, diagnosis and treatment of disease of the musculoskeletal system.
9. Identify signs/symptoms, etiology, diagnosis and treatment of disease of the nervous system.
10. Identify signs/symptoms, etiology, diagnosis and treatment of disease of the sensory system.
11. Identify signs/symptoms, etiology, diagnosis and treatment of disease of the endocrine system.
12. Identify signs/symptoms, etiology, diagnosis and treatment of disease of the circulatory system.
13. Identify signs/symptoms, etiology, diagnosis and treatment of disease of the lymphatic system.
15. Identify signs/symptoms, etiology, diagnosis and treatment of disease of the digestive system.
16. Identify signs/symptoms, etiology, diagnosis and treatment of disease of the urinary system.
17. Identify signs/symptoms, etiology, diagnosis and treatment of disease of the reproductive system.

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

Collaborative Learning    Lecture    Films/Videos/Slides

**ASSIGNMENTS AND ASSESSMENTS FOR THIS CLASS INCLUDE:**

Reading    Tests    Other: Online Discussion Forums

**EXPECTED LEARNING OUTCOMES:** Students will gain new knowledge and apply previous knowledge to understand the principles of disease and common diseases of each body system.

The information in this course outline is subject to revision

**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.

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 via your preferred Telecommunications Relay Service.

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