

MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE

COURSE OUTLINE

DEPT. HC

COURSE NUMBER: 2120

NUMBER OF CREDITS: 3

Lecture: 3 Lab: 0 OJT: 0

Course Title:

Disease Conditions

Catalog Description:

Disease Conditions 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.

Prerequisites or Necessary Entry Skills/Knowledge:

HC 1151

FULFILLS MN TRANSFER CURRICULUM AREA(S) (*Leave blank if not applicable*)

- Goal 1: Communication: By meeting the following competencies:
- Goal 2: Critical Thinking: By meeting the following competencies:
- Goal 3: Natural Sciences: By meeting the following competencies:
- Goal 4: Mathematics/Logical Reasoning: By meeting the following competencies:
- Goal 5: History and the Social and Behavioral Sciences: By meeting the following competencies:
- Goal 6: The Humanities and Fine Arts: By meeting the following competencies:
- Goal 7: Human Diversity: By meeting the following competencies:
- Goal 8: Global Perspective: By meeting the following competencies:
- Goal 9: Ethical and Civic Responsibility: By meeting the following competencies:
- Goal 10: People and the Environment: By meeting the following competencies:

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.

Student Learning Outcome

Define disease terminology.

Understand direct and predisposing causes of disease conditions.

List types and characteristics of microorganisms.

Explain the cycle of infection.

Discuss body defenses and immunity.

Explain various methods of disease prevention.

Identify signs/symptoms, etiology, diagnosis and treatment of disease of the integumentary system.

Identify signs/symptoms, etiology, diagnosis and treatment of disease of the musculoskeletal system.

Identify signs/symptoms, etiology, diagnosis and treatment of disease of the nervous system.

Identify signs/symptoms, etiology, diagnosis and treatment of disease of the sensory system.

Identify signs/symptoms, etiology, diagnosis and treatment of disease of the endocrine system.

Identify signs/symptoms, etiology, diagnosis and treatment of disease of the circulatory system.

Identify signs/symptoms, etiology, diagnosis and treatment of disease of the lymphatic system.

Identify signs/symptoms, etiology, diagnosis and treatment of disease of the respiratory system.

Identify signs/symptoms, etiology, diagnosis and treatment of disease of the digestive system.

Identify signs/symptoms, etiology, diagnosis and treatment of disease of the urinary system.

Identify signs/symptoms, etiology, diagnosis and treatment of disease of the reproductive system.

Is this course part of a transfer pathway: Yes No

**If yes, please list the competencies below*

Revised Date: 1/24/2022