

# MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE

## COURSE OUTLINE

DEPT. HC

COURSE NUMBER: 1151

NUMBER OF CREDITS: 3

Lecture: 3 Lab: 0 OJT: 0

### Course Title:

Body Structure & Function

### Catalog Description:

Body Structure & Function introduces the study of human anatomy and physiology. A study of body organization, chemistry, cells and tissues leads into exploring the normal structure and function of each body system. Emphasis is also placed on terminology and abbreviations.

### Prerequisites or Necessary Entry Skills/Knowledge:

None

### 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

Human body organization

The basic chemistry of living matter

The structure and function of cells, tissues, glands and membranes

The anatomy and physiology of the following body systems

### Student Learning Outcome

Explain human body organization.

Describe the chemistry of living matter.

Describe human cell structure and function.
Compare and contrast cells from different body systems.
Describe classifications of tissues, glands and membranes.
Identify the structures of each of the following body systems: integumentary, musculoskeletal, neurological, sensory, endocrine, circulatory, lymphatic, respiratory, digestive, urinary and reproductive.
Describe the functions of each of the following body systems: integumentary, musculoskeletal, neurological, sensory, endocrine, circulatory, lymphatic, respiratory, digestive, urinary and reproductive.

**Is this course part of a transfer pathway: Yes  No**   
**\*If yes, please list the competencies below**

Revised Date: 1/24/2022