

# Dakota County Technical College

## MDAS 1211: Disease/Medical Treatment, Incl. Nutrition

### A. COURSE DESCRIPTION

Credits: 4

Lecture Hours/Week: 4

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course presents basic information about common disease conditions affecting various body systems. The causes, symptoms, and current diagnostic and treatment procedures will be presented. Basic nutritional concepts and practical applications are also included. Pre-requisite: HEAL 1101

**B. COURSE EFFECTIVE DATES:** 03/31/2010 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

### D. LEARNING OUTCOMES (General)

1. identify common pathology related to each body system including signs, symptoms and etiology\* (respiratory, muscular, skeletal, integumentary, cardiovascular, digestive, reproductive, urinary, nervous, endocrine and sensory systems) I.C.8
2. analyze pathology for each of the body systems including diagnostic measures and treatment modalities\* (respiratory, muscular, skeletal, integumentary, cardiovascular, digestive, reproductive, urinary, nervous, endocrine and sensory systems) I.C.9
3. describe dietary nutrients including carbohydrates, fat, protein, minerals, electrolytes, vitamins, fiber and water\* IV.C.4
4. define the function of dietary supplements\* IV.C.2
5. identify the special dietary needs for weight control, diabetes, cardiovascular disease, hypertension, cancer, lactose sensitivity, gluten-free and food allergies\* IV.C.3
6. describe communicable diseases
7. discuss and explain cancer symptoms/treatment
8. explain hereditary disease patterns
9. describe congenital disease
10. identify mental health diseases
11. examine food label information
12. examine energy balance
13. identify lifespan nutritional needs
14. research and present information on a disease or condition related to a body system\*

### E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

**F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted