Bemidji State University

HLTH 5710: Disease Prevention and Epidemiology

A. COURSE DESCRIPTION

Credits: 3
Lecture Hours/Week: 0
Lab Hours/Week: 0
OJT Hours/Week: *.*
Prerequisites: None
Corequisites: None
MnTC Goals: None

An introduction to disease prevention, pathophysiology, and treatment of the most common communicable and chronic diseases in human populations. Focuses on the history and principles of disease occurrence in the context of environment and lifestyle choice. Students specifically examine risk factor management and the epidemiological data supporting the influence of physical activity in chronic disease prevention and management. Additionally, learners gain an introductory knowledge of epidemiology and biostatistics enabling them to successfully critique the scientific and educational literature.

B. COURSE EFFECTIVE DATES: 05/15/2013 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Primary, secondary & tertiary prevention; Importance of the individual responsibility for health

D. LEARNING OUTCOMES (General)

1. Students will identify common pathophysiological mechanisms of altered health and changes associated with or resulting from common diseases;
2. Students will explain existing and emerging approaches to disease prevention, including health assessment and health promotion techniques;
3. Students will explain the major risk factors for most common communicable and chronic diseases and understand the role of epidemiological investigation in study of the distribution and determinants of disease;
4. Students will understand the health burden of disease and differentiate between the population-

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted