MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE
COURSE OUTLINE

DEPT. HIMC   **COURSE NUMBER:2140**

NUMBER OF CREDITS: 2   **Lecture: 2 Lab: 0   OJT 0**

Course Title:
Statistics in Health Information

Catalog Description:
Statistics in Health Information evaluates and manages medical data for statistical purposes including collecting, analyzing, and interpreting numerical data and presenting data to personnel in healthcare services and facilities.

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
Health care data
Presentation of healthcare data
Outcome reporting
Research methods
Data analytics and decision support
Financial management

Student Learning Outcomes
Identify policies and strategies to achieve data integrity.

Calculate measures of central tendency.
Calculate descriptive statistics.
Calculate health information formulas.
Report health care data through graphical representations.
Describe research methodologies used in health care.
Utilize financial management processes.

Is this course part of a transfer pathway: Yes   ☐   No   ☒

Revised Date: 2/11/2021