

# MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE

## COURSE OUTLINE

DEPT. HIMC

COURSE NUMBER:2100

NUMBER OF CREDITS: 3

Lecture: 3 Lab: 0 OJT 0

Course Title:
Computerized Health Information

Catalog Description:
Computerized Health Information introduces students to computer use in health care and health information management. Basic concepts of electronic health information systems will be introduced and applied, including data collection, storage, retrieval, and other applications.

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
Basic concepts of health information systems.
Data collection, storage, retrieval
Data management
Data integrity
Data and information reporting
Health information exchange
Data dictionaries and data sets
Database management

<b>Student Learning Outcomes</b>
Apply organizational strategies to the management of information.
Identify policies and strategies to achieve data integrity.
Identify the different types of health care information and data.
Describe components of data dictionaries and data sets.
Evaluate data dictionaries and data sets for compliance.
Apply health informatics concepts to the management of health information.
Utilize technologies for health information management.
Report data through graphical representations.
Describe the concepts of managing data.
Summarize standards for the exchange of health information.
Manage data within a database system.
Identify standards for exchange of information.

<b>Is this course part of a transfer pathway:</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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Revised Date: 2/11/2021