

# MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE

## COURSE OUTLINE

**DEPT. ACCT**

**COURSE NUMBER: 1122**

**NUMBER OF CREDITS: 2**

**Lecture: 1 Lab: 1 OJT 0**

<b>Course Title:</b>
Database Concepts and Applications

<b>Catalog Description:</b>
Database Concepts and Applications utilizes a database system for business applications.

<b>Prerequisites or Necessary Entry Skills/Knowledge:</b>
None

### FULFILLS MN TRANSFER CURRICULUM AREA(S)

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:

<b>Topics to be Covered</b>
Creating a Database Using Design and Datasheet Views
Querying a Database
Maintaining a Database
Reports, Forms, and Combo Boxes
Enhancing Forms with OLE Fields
Hyperlinks, and Subforms

<b>Student Learning Outcomes</b>
Develop and utilize tables and queries.
Describe Referential Integrity

Create links and load data
Develop and utilize relational databases
Create forms, sub-forms, and reports to interact with database data

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

Revised Date: September, 2020