Course Title:
Database Concepts and Applications

Catalog Description:
Database Concepts and Applications utilizes a database system for business applications.

Prerequisites or Necessary Entry Skills/Knowledge:
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:
### Topics to be Covered

- 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

### Student Learning Outcomes

- 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