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
<table>
<thead>
<tr>
<th>Create links and load data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Develop and utilize relational databases</td>
</tr>
<tr>
<td>Create forms, sub-forms, and reports to interact with database data</td>
</tr>
</tbody>
</table>

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

Revised Date: September, 2020