MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE COURSE OUTLINE

DEPT. CSCI	COURSE NUMBER: 2105
NUMBER OF CREDITS: 3	Lecture: 3 Lab: 0 OJT 0
Course Title:	
Advanced Database Concepts with SQL	
Catalog Description:	
Advanced Database Concepts with SQL introduction Query Language) which is a programming language programmers today. Learning of SQL commands SQL.	age that is used by diverse groups of
Prerequisites or Necessary Entry Skills	/Knowledge:
CSCI 1102, ACCT 1122	
FULFILLS MN TRANSFER CURRICU <i>applicable</i>) □ Goal 1: Communication: By meeting the follow □ Goal 2: Critical Thinking: By meeting the follow	wing 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 Scompetencies:	Sciences: By meeting the following
\Box Goal 6: The Humanities and Fine Arts: By mee	ting 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 meet	
Topics to be Covered	
Advanced database designing	
Creating multiple table queries	
Updating and creating new tables from existing tables	
Database administration	
SQL functions and procedures	
Oracle databases	
Functions and procedures	

Revised Date: 1/18/2022