Database Design and Processing

CSIS - 1050 001

Course Description

Introduction and overview of the concepts and basic skills in current database technologies to prepare students for further studies in database programming, application development & administration/management of database systems. It is recommended students complete CSIS 1020 prior to taking this course.

Semester(s) Taught: Fall & Spring

Course Student Learning Outcomes

- Create databases and tables.
- Utilize data from database tables.
- Create queries of data from database.
- Create forms and reports from database.

Engagement Plan

- I will respond to emails within 48 hours (except weekends & Holidays). I will offer feedback on major assignments within a week of the submission deadline. The best way to contact me is via the Canvas Inbox, as I will prioritize this method of communication over other modes.
- Throughout this course, I will be posting interactive announcements every week. These announcements will help you understand what we'll be learning and which

activities you need to submit by the end of the week.

- Lastly, we'll be holding small group Q & A sessions, where we can learn from our peers (and faculty) on some of the more difficult units within the course.

Keys for Success (how to succeed in the course)

- Plan for 3-4 hours of homework each week.
- Submit assignments on time.
- Review feedback in Canvas to enhance future work.
- If you need assistance, please schedule an appointment using the booking system or contact me through Canvas inbox

Required Text or Materials

Title: Concepts of Database Management
Authors: Lisa Friedrichsen, Lisa Ruffolo, Ellen Monk, Joy L. Starks, Philip J. Pratt, Mary Z. Last
Publisher: Cengage Learning, Inc.
Edition: 10th edition

For more information on textbook accessibility, contact Accessibility & Disability Services at ads@slcc.edu.

Brief Description of Assignments/Exams

The description, expectations, requirements, due date, and available dates for each assignment are all defined in Canvas. You must read the requirements carefully, including any file-naming conventions. Points will be deducted if the requirements are not met.

Assignment Schedule

Due Date	Assignment Name	Assignment Type	Points

Due Date	Assignment Name	Assignment Type	Points
	Introduce Yourself	Discussion	0
	Introduce Yourself	Discussion	0
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8/31/25	Module 1 - JC Consulting Case Exercises	Quiz	50
8/31/25	Introduce Yourself	Discussion	10
9/7/25	Module 1-Pitt Fitness Case Exercise	Quiz	50
9/14/25	Module 1 - Sports Physical Therapy Case Exercises	Quiz	45
9/14/25	Module 1 Quiz	Quiz	60
9/14/25	Module 1_Critical Thinking	Assignment	50
9/21/25	Module 2 - JC Consulting Case Exercise: Relational Algebra	Quiz	35
9/21/25	Module 2 - JC Consulting Case Exercises: QBE	Quiz	45
9/28/25	Module 2: Pitt Fitness Case Exercises	Quiz	85
10/5/25	Module 2 _Critical Thinking_	Assignment	50
10/5/25	Module 2 Quiz	Quiz	60

Due Date	Assignment Name	Assignment Type	Points
10/5/25	Module 2- Sports Physical Therapy Case Exercises	Quiz	85
10/12/25	Module 3- JC Consulting Case Exercises	Quiz	50
10/19/25	Module 3-Pitt Fitness Case Exercises	Quiz	50
10/26/25	Module 3 - Critical Thinking Question	Assignment	25
10/26/25	Module 3 - Sports Physical Therapy Case Exercises	Quiz	50
10/26/25	Module 3 Quiz	Quiz	80
11/2/25	Module 4 - JCC Consulting Case Exercise	Quiz	45
11/9/25	Module 4 - Pitt Fitness Case Exercises	Quiz	50
11/16/25	Module 4 - Critical Thinking Question	Assignment	25
11/16/25	Module 4 - Sports Physical Thereapy Case Exercises	Quiz	50
11/16/25	Module 4 Quiz	Quiz	60
11/23/25	Module 5 - JC Consulting Case Exercises	Quiz	45

Due Date	Assignment Name	Assignment Type	Points
11/30/25	Module 5 - Pitt Fitness Case Exercises	Quiz	50
12/7/25	Module 5 Quiz	Quiz	60
12/7/25	Module 5 - Sports Physical Therapy Case Exercises	Quiz	46
12/7/25	Module 5 Critical Thinking	Assignment	25
12/18/25	Final Exam Homework	Assignment	50

Grading Scale

Grade Range	Grade Range
A 94 – 100%	C 74 – 76.99%
A- 90 – 93.99%	C- 70 – 73.99%
B+ 87 – 89.99%	D+ 67 – 69.99%
B 84 – 86.99%	D 64 – 66.99%
B- 80 – 83.99%	D- 60 – 63.99%
C+ 77 – 79.99%	E 59 and below %

Late Work Statement: Late work will be penalized 0.2% of the full credit of the assignment per

hour for up to twenty calendar days.

How to Navigate to Canvas

Institutional Policies

As members of our academic community, we would like to invite you to review the Institutional Syllabus which covers important policies and procedures. This document contains important links for students on the code of student rights and responsibilities, academic integrity, and grading policies, Title IX and other important acknowledgements. By familiarizing yourself with this information, you can help us create a safe and respectful environment for everyone.

For more information, navigate to the Institutional Policies tab on the [Institutional Syllabus](#) page.

Learning Support and Tutoring Services

We are pleased to offer a range of tutoring and learning support services to help you achieve your academic goals. Whether you need assistance with a specific subject or want to improve your study skills, you have many options for tutoring or other support.

To learn more about the services we offer and how to access them, visit the [Institutional Syllabus](#) page under the Tutoring and Learning Support tab. We encourage you to take advantage of these resources to help you succeed in your studies. If you have any questions or would like to schedule a tutoring session, please don't hesitate to reach out to us. We are here to support you in any way we can.

Advising and Counseling Support Services

At our institution, we are committed to supporting your academic and personal growth. That's why we offer a range of advising and counseling services to help you navigate the challenges of college life. To learn more about the resources available to you and how to access them, visit the [Institutional Syllabus](#) page under the Advising and Counseling Support Services tab. Our advising team and the support centers across campus are here to support you in achieving your goals and overcoming any obstacles you may face.

Student Academic Calendar

As students you should be aware of all important dates in the semester, such as the day that courses begin and end, as well as the drop date and the last day to withdraw. To learn more about those dates, navigate to the Student Academic Calendar below:

[SLCC Student Academic Calendar](#)