

<b>CLASS PLAN</b>	<b>Term: Winter 2025</b>
<b>Course Code: DBAS32100</b>	<b>Course Title: Database Management</b>
	<b>Instructor: Weeks 1 – 14 Ken Isaacs</b>

#### TEACHER CONTACT INFORMATION

Weeks	Name	Phone	Room	Email
1 – 14	Ken Isaacs		Virtual	Please use Slate email

#### COURSE OUTLINE

Please see the course outline on the Course Outline database

<https://www.sheridancollege.ca/academics/programs-and-courses/course-outline-search.aspx> for:

Detailed Course Description	Evaluation Plan
Program Context	Topical Outline
Critical Performance	Academic Honesty Policy
Learning Outcomes	Discrimination and Harassment Policy

#### CLASSROOM POLICIES

**Attendance:** Attendance is not mandatory, but is highly recommended.  
It is your responsibility to catch up any missed material.  
If you join the meeting late and have questions, please wait for the appropriate break in the lesson to ask your question.

**Behavior:** Please be professional and consider others.  
You will be asked to leave the room in case you distract or disrupt others

#### EVALUATION POLICIES

**Assignments:** Individual (except Group Projects if applicable)  
Requirement details will be given on time  
Submit to Slate Dropbox

**Late assignments:** A penalty of 10% of the value of the deliverable will be immediately deducted for late submissions. An additional 10% of the value of the deliverable will be deducted for each subsequent day (includes weekends and holidays) to a maximum of 3 days at which point the assignment or project will be assigned a mark of “zero”

**Advanced Automation:** Students are not allowed to use advanced automated tools (artificial intelligence or machine learning tools such as ChatGPT) on assignments in this course. Each student is expected to complete assignments without substantive assistance from others, including automated tools

**Attendance:** Attendance does not count towards your final grade.  
**Academic Integrity:** Students must review academic integrity policies and adhere to them  
**Participation:** Participation in class does not count towards your final grade.

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Week Of	Module	Topic	Assessment
(Jan 6) 1	Database Queries <a href="#">01. Setup / Overview</a>	- SQL review - Multiple tables join	
(Jan 13) 2	SQL Procedural extension <a href="#">02. Intro to PL/SQL</a>	- Basic syntax - Static and dynamic SQL	
(Jan 20) 3	<a href="#">03. Procedures, Functions</a>	- Stored procedures - Functions	<b>Assignment 1 out Quiz 1 (2.5%)</b>
(Jan 27) 4	Data Integration <a href="#">04. Data-Integration</a>	- Data Mart design - ETL process - Data Cleanse / Data Transformation	
(Feb 3) 5	Data Integration Tools <a href="#">05. Create Data Flow</a>	- Talend	<b>Assignment 1 Due (7.5%) Project Out (25%)</b>
(Feb 10) 6	<a href="#">07. Mid Term Review</a>	- Practice and Review	<b>Quiz 2 (2.5%)</b>
(Feb 17) 7			<b>Mid Term (25%)</b>
(Feb 24-28)	Reading Week		
(Mar 3) 8	<a href="#">08. Transaction Processing and Control</a>	- Transaction Properties - Locking - Transaction Isolation	
(Mar 10) 9	<a href="#">09. Database Queries</a>	- VIEWS - Case expression / SQL set operations - Grouping sets, rollup and cube	<b>Group Proposal Due</b>
(Mar 17) 10	Functions <a href="#">10. Hierarchical Queries and Analytic Functions</a>	- Hierarchal queries - Analytic Functions / Rank functions - Windowing Functions	<b>Assignment 2 out Quiz 3 (2.5%)</b>
(Mar 24) 11	Data Security <a href="#">11. Data-Security</a>	- Database users, roles, and privileges - Views - Audit transactions	
(Mar 31) 12	Project Work	- QA on the group project	<b>Assignment 2 due (7.5%) Quiz 4 (2.5%)</b>
(Apr 7) 13	Backup and recovery <a href="#">12. Data Backup and Recovery</a>	- Database Backup and Recovery - Final Exam Review	<b>Group Project Due Peer Evaluation</b>
(Apr 14) 14			<b>Final Exam (25%)</b>

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#### GRADING SCHEMA

<b>Assignment\Test</b>	<b>Weight</b>
Assignments	2 @7.5%
Quizzes	4 @2.5%
Group Project	25%
Mid Term	25%
Final Exam	25%
Total	100%

**To pass the course, students must achieve a 50% weighted average across the tests and the exams and at least 50% overall in the course.**