

SECD2523 DATABASE – TASKS SUBMISSION
SEMESTER 1 2025/2026

Week	Topics	Activities	Submission Type	Deadline	Mark Distribution
1 6th - 10th Oct 2025	Topic 1: Introduction to Database	Project Briefing (P1)			
	Topic 2 : The Relational Model and Database Design	Group Formation			
2 13th - 17th Oct 2025	Topic 3: Relational Algebra	P1 Proposal Discussion			
3 20th - 24th Oct 2025	Topic 3: Relational Algebra	Weekly Task 1 – Relational Algebra	Hardcopy	19th Oct 2025	2.5
		Submission of P1 Report (Proposal: Database Requirement)	Online	24th Oct 2025	5
		SQL Workshop			
4 27th - 31st Oct 2025	Topic 3: Relational Algebra	Briefing P2			
5 3rd - 7th Nov 2025	Topic 4: Entity-Relationship (ER) Modelling	Lab Assignment 1 – DDL	Online	10th Nov 2025	2.5
6 10th - 14th Nov 2025		Weekly Task 2 – Draft on Data Model Design (Part of Submission P2)	Online	14th Nov 2025	2.5
		Lab Assignment 2 – DML1	Online	17th Nov 2025	2.5
7 17th - 21st Nov 2025		Topic 4: Entity-Relationship (ER) Modelling	Gallery Walk - ERD	Tue (11.00 AM - 1.00 PM)- BK6 Mon (8.00 AM - 10.00 AM)- BK7	
	Midterm Test (Topic 1-4), DDL & DML1			Expected 20th Nov 2025	20
Semester Break (Week 8: 24-30 November 2025)					
9 1-5 Dec 2025	Topic 5: Enhanced ER Modelling	Submission of P2 Report (Conceptual Design Document)	Online	03rd Dec 2025	5
	Topic 6a: Logical Database Design	Lab Assignment 3 – DML2	Online	08th Dec 2025	2.5

Week	Topics	Activities	Submission Type	Deadline	Mark Distribution
10 8-12 Dec 2025	Topic 6a: Logical Database Design	Briefing on P3			
11 15-19 Dec 2025	Topic 6b: Logical Database Design	Lab Assignment 4 – DML3	Online	22nd Dec 2025	2.5
12 22-26 Dec 2025		Weekly Task 3 – Draft on Logical Model Design (Part of Submission P3)	Online	29th Dec 2025	2.5
13 29 Dec 2025- 2 Jan 2026	Topic 7: Transaction Management	Weekly Task 4 – Transaction Management	Online	05th Jan 2025	2.5
14 5 Jan-9 Jan 2026		Submission of P3 Report Full report of DB Design & Demo Video	Online	09th Jan 2025	20
15 12 Jan -16 Jan 2026	Topic 8: Introduction to Data Warehouse Topic 9: Introduction to NOSQL Database				
Revision Period (Week 16: 19-25 January 2026)					
17 26 Jan 2026 - 08 Feb 2026	Final Exam (Topic 5-8) , DML2 & DML3				30
Total					100