

Week	Date	Notes	Topic
1	15/09/17		Intro, relational model, design, E/R models
2	22/09/17		Cardinality, normal forms, intro to SQL, data types, NULL, constraints
3	29/09/17		Select on one table - WHERE clause, nesting queries, some functions, DISTINCT, GROUP BY
4	30/09/17	Replacement of 17/11, sport event	Select on several tables - join, self-join, outer join, set operators, subqueries - correlation, in (select ...)
5	06/10/17	National Day Holiday	
	13/10/17		More subqueries - exists. Ordering. Recursive queries and CONNECT BY. Window functions. Application to HTML generation.
6	20/10/17		Common Table Expressions (WITH), some useful techniques, fuzzy searches - Changing data. Transactions. Intro to sequences.
7	27/10/17		sequences/autoincrement and serial. Bulk inserts from files. Updates, including with several tables involved. Merge. Delete. Truncate. Changes and constraints. User-defined functions.
8	03/11/17		MidTerm Review
9	10/11/17		MidTerm exam
		Done during labs	Stored Procedures
	17/11/17	Sport event	
10	24/11/17		Triggers, indexes
11	01/12/17		More indexes, Views.
		Done during labs	Security and privileges
12	08/12/17		Architecture
13	15/12/17		New architectures, with Guy Harrison, distributed database, application coding, administration
14	22/12/17		Backup, recovery
15	29/12/17		Performance issues
		Done during labs	Datawarehousing
16	05/01/18		Review
Exams		8/1 to 19/1/2018	