

Lecture Schedule (subject to change. Last updated Feb 22, 2017.)

Week	Dates	Readings
1	January 4, 6	Introduction (Ch. 1).
2	January 9, 11, 13	Intro ctd. ER Model (Ch.2). Omit 2.7.
3	January 16, 18, 20	Relational model. (Ch. 3). Omit 3.6.2.
4	January 25	Assignment 1 due
4	January 23, 25, 27	Relational Model. Introduction to SQL (Ch. 5.1-5.3)
5	January 30, Feb 1, 3	Intermediate SQL (Ch 5.4). Relational Algebra (Ch. 4). Omit Ch.4.3, 4.4.
6	Feb 6, 8, 10	Relational Algebra ctd. (Ch. 4). Omit Ch.4.3, 4.4.
7	Feb 22	Assignment 2 due
7	Feb 20, 22, 24	Advanced SQL Queries. Constraints, Triggers, Security. (Ch. 5.5-5.9)
8	Feb 27, Mar 1, 3	Application Development (Ch.6). Omit 6.1.1., 6.4
8	Mar 3	Exam 1
9	March 6, 8, 10	Internet Application Development. HTML. Fundamental concepts are more important than the syntactic details. (Ch. 7). Omit 7.4. . Only material from lecture notes will be on final exam. Use the text as a resource.
10	March 13	Assignment 3a due
10	March 15	Assignment 3b due
10	March 13, 15, 17	XML. Ch.7.4. XPath (use Ch. 27.7.1. as a resource).
11	March 20, 22, 24	Storage and Indexing. (Ch.8).
11	March 22	Exam 2
12	March 27, 29, 31	Storage and Indexing ctd. Query Evaluation (Ch.12.1-12.3).
13	April 3	Assignment 4 due
13	April 3, 5, 7	Query Evaluation (Ch.12.1-12.3). [Time permitting: Query Optimization: (Ch.12.4-5)]
14	April 7	Exam 3

First day of classes: January 4

Last day of Classes: April 7