

Fall 2009 CSC/CPE 365 Calendar - **TENTATIVE**

Dr. Mei-Ling Liu

(This calendar is subject to changes, which will be announced in class
and may not be reflected on this page)

Wk	Dates	Topics	Readings	Assignments	Test
1	Sept 23, 25	Introduction to database systems Entity-relationship (ER) model;	Book ¹ : Chapters 1, 4.1-4.8	Lab 1	
			Notes ² : "Introduction" "Conceptual Desing:"		
			Sunderraman ³ : none		
2	Sept 28, 30 Oct 2	Relational model; relational algebra; introduction to SQL; creating tables	Chapter 5 (5.1)	Lab 2	Quiz
			Notes: Relational Model, SQL-Part1		
			Sunderraman: Chapter 1; 2.1		
3	Oct 5, 7, 9	Simple SQL queries; SQL aggregate functions	Chapter 6 (6.1., 6.2)	Lab 3	Quiz
			Notes: SQL – Part 2; SQL – Part 3		
			Sunderraman: Chapter 2		
4	Oct 12, 14, 16	GROUP BY clause; HAVING clause; nested queries	Chapter 6 (6.3, 6.4)	Lab 4	Quiz
			Notes: SQL – Part 3; SQL – Part 4		
			Sunderraman: 2.6-2.8		
5	Oct 19, 21, 23	Database update; transactional processing; views; data dictionary; Oracle functions; data dictionary	Chapter 6 (6.5, 6.6) Chapter 8 (8.1, 8.2)	Lab 5	Quiz
			Notes: SQL – Part 5; SQL – Part 6		
			Sunderraman: 2.6-2.8		
6	Oct 26, 28, 30	PL/SQL: introduction	Chapter 7 (7.5)	Lab 6	Midterm
			Notes: PL/SQL – part 1		
			Sunderraman: 3.1-3.4		
7	Nov 2, 4, 6	PL/SQL stored procedure/fucntion ; triggers	Chapter 7 (7.5)	Lab 7	Quiz
			Notes: PL/SQL – Part 2		
			Sunderraman: 3.5 – 3.7		
8	Nov 9, 11(holiday), 13	JDBC		Lab 8	
			Notes: JDBC		
			Sunderraman: Chapter 5		
9	Nov 16, 18, 20	JDBC; Security		Lab 9	Quiz
			Notes: JDBC; Security		
			Sunderraman: Chapter 5		
10	Nov 23, 25(holiday), 27(holiday)	ER to relational mapping	Notes: ER mapping		Quiz

Wk	Dates	Topics	Readings	Assignments	Test
11	Nov 30 Dec 2, 4	Table joins; review	Notes: table joins		
Final exams	Dec 7-11	Professor Liu's Finals Week Office hours – Monday, 8 – 10; WED 10-noon			Section 1: Friday Dec 11: 7:10– 10AM Monday Dec 7 10:10-13:00 Section 3: Wednesday Dec 9: 13:10 – 16;

1. refers to the text book *A First Course in Database Systems* by Ullman and Widom
2. refers to the lectures notes posted at the course website
3. refers to the reference book *Oracle 10g Programming* by R. Sunderraman