

Date	Subject	Book Chapters / Assignments
Aug 25, 2010	Course Overview	Chapter 1
Aug 27, 2010	Relational Model	Chapters 2 and 3
Aug 30, 2010	ER Model	Chapters 2 and 3
Sep 1, 2010	ER Model / Relational Algebra	Chapters 3 and 4
Sep 3, 2010	Relational Algebra	Chapter 4
Sep 6, 2010	LABOR DAY – NO CLASSES	
Sep 8, 2010	Disks and Files: RAID	Chapters 8 and 9
Sep 10, 2010	Disks and Files	Chapters 8 and 9
Sep 13, 2010 (with Walker White)	Hash indexes	Chapter 11
Sep 15, 2010 (with Al Demers)	Tree indexes	Chapter 10
Sep 17, 2010 (with Al Demers)	Tree indexes	Chapter 10
Sep 20, 2010	Relational Calculus	Chapter 4
Sep 22, 2010	Relational Calculus / SQL	Chapter 4
Sep 23, 2010	ASSIGNMENT 1	Assignment 1 due 11:59pm
Sep 24, 2010	SQL	Chapter 5
Sep 27, 2010	SQL	Chapter 5
Sep 29, 2010	Concurrency Control	Chapters 16 and 17
Oct 1, 2010	Concurrency Control	Chapter 17
Oct 4, 2010	Concurrency Control	Chapter 17
Oct 6, 2010	Recovery	Chapter 18
Oct 8, 2010	Recovery	Chapter 18
Oct 11, 2010	FALL BREAK – NO CLASSES	
Oct 13, 2010	External Sorting	Chapters 12 and 13
Oct 15, 2010	Operator Implementation	Chapter 14
Oct 17, 2010	ASSIGNMENT 2	Assignment 2 due 11:59pm
Oct 18, 2010	Pre-Midterm Discussion: Q&A	All material for mid-term
Oct 20, 2010 (with Al Demers)	Operator Implementation	Chapter 14
Oct 21, 2010	MID-TERM EXAM	7:30-9:30pm, Upson B17
Oct 22, 2010 (with Al Demers)	Operator Implementation	Chapter 14
Oct 25, 2010	Operator Implementation	Chapter 14
Oct 27, 2010	Operator Implementation	Chapter 14
Oct 29, 2010	Operator Implementation / Query Optimization	Chapters 14 and 15
Nov 1, 2010	Query Optimization	Chapter 15
Nov 3, 2010	Query Optimization	Chapter 15
Nov 5, 2010	Normalization	Chapter 19
Nov 8, 2010	Normalization	Chapter 19
Nov 10, 2010	Database Tuning	Chapter 20
Nov 11, 2010	ASSIGNMENT 3	Assignment 3 due 11:59pm
Nov 12, 2010	Database Tuning	Chapter 20

Nov 15, 2010	Database Security	Chapter 21
Nov 17, 2010	Spatial Data Management	Chapter 28 + readings
Nov 19, 2010	Spatial Data Management	Chapter 28 + readings
Nov 22, 2010 (with Hongmin Fan)	Guest Lecture: OLAP/ Data Warehousing in Vertica	Chapter 25 + readings
Nov 24, 2010	THANKSGIVING – NO CLASSES	
Nov 26, 2010	THANKSGIVING – NO CLASSES	
Nov 29, 2010	Distributed Data Management	Chapter 22 + readings
Nov 30, 2010	ASSIGNMENT 4	Assignment 4 due 11:59pm
Dec 1, 2010	Distributed Data Management	Chapter 22 + readings
Dec 3, 2010	Pre-Exam Q&A and Closing	All material for exam
Dec 8, 2010	FINAL EXAM	7:00-9:30pm, Hollister B14