

## CS 462, Course Outline

Sep.	1-3	Overview, Relational Model Keys	3.1 : 63-71   2.4 : 34 
	6-8	Relational Algebra, Natural Join	3.2 : 71-86 
	13-15	SDB/SQL	4.1-2 : 111-123   SDB manual 
	20-22	Relational Queries, FLIX	class handouts 
	27-29	Entity-Relationship Model	2.1-2 : 23-30   2.5-6 : 36-41 
Oct.	4-6	ER Model to Relational Model	2.9 : 52-58   PROJECT ASSIGNED 
	11-13	ER design practice	 
	18-20	Functional Dependencies	6.5 : 202-210   PROJECT PROPOSALS DUE 
	25-27	Relational Database Design	7.1-3 : 215-231 
Nov.	1-3	Relational Database Design (cont.)	7.5,7.7 : 239-242, 244-246 
	8-10	Integrity Constraints	6.1-4 : 193-202 
	15-17	Join Operators	12.6 : 397-408 
	22	Transactions	13.1-4 : 439-451   PROJECTS DUE 
	29-1	Serializability	13.5,9 : 451-455, 459-460 
Dec.	6-8	Concurrency Control	14.1-2 : 471-485 

Note, this is a tentative schedule, but close to correct. Assigned reading is in form <section> : <pages>. Note the pages carefully, because in a few cases we will only read a portion of the <section>. It is expected that you will have read the assignment BEFORE you come to class.