



1/26	relational model concepts, ER to relation mappings	5.1 - 5.4, 7.1 - 7.3
2/2	relational algebra, relational calculus (I)	6.1 - 6.3, 6.5 - 6.6
2/9	relational calculus (II), SQL language (I)	6.7 - 6.8, 8.1 - 8.3
2/16	term exam 1 (tentative)	
	SQL language (II)	8.4 - 8.10 (excl. 8.7)
2/23	SQL language (III), QBE language	9.1 - 9.2.3, Appendix C
3/2	Spring Recess	
3/9	functional dependencies, normalization (I)	10.1 - 10.2, 11.1
3/16	normalization (II), database design algorithms	10.3 - 10.6, 11.2
3/23	object-oriented databases	21.1 - 21.6
3/30	object-relational databases	22.1, 22.2
	term exam 2 (tentative)	
4/6	query processing and optimization	15.1 - 15.4, 15.7.1 - 15.7.2
4/13	transactions, concurrency control	17.1 - 17.5.3, 18.1 - 18.2
4/20	database recovery, database security, review for final	19.1 - 19.3, 23.1 - 23.2

**Final Exam:** Monday, April 27th, 3:00 - 6:00pm (please confirm with the official announcement near the end of the semester).