

Day	Topics	Readings/Quizzes
1/10	Intro. & Logistics	Chapter 1
1/11	ER-Model (Part 1)	Chapter 4.1 (Except 4.1.10 & 4.1.11)
1/12	ER-Model (Part 2)	Sections 4.1.10, 4.1.11, 4.2
1/15	<b>No Class Martin Luther King Day</b>	
1/16	ER-Model (Part 3)	Sections 4.3, 4.4
1/18	ER-Good Practice Guidelines	<b>Quiz 1</b>
1/19	Relational Model	Sections 2.1, 2.2, 2.3
1/22	Mapping between ER & Relational Models	Sections 4.5, 4.6.1
1/23	Relational Algebra (Part 1)	Sections 2.4
1/25	Relational Algebra (Part 2)	Sections 5.1
1/26	Relational Algebra (Part 3)	Sections 5.2
1/29	Operations on Bags	<b>Quiz 2</b>
1/30	SQL (Part 1)	Sections 6.1, 6.2
2/1	SQL (Part 2)	Sections 6.3
2/2	SQL (Part 3)	Section 6.3, 6.5
2/5	<b>MIDTERM EXAM</b>	
2/6	Nested Queries	Section 6.3, 6.5
2/8	Advanced SQL: Views + Triggers	Section 6.3, 6.5
2/9	Advanced SQL: Views + Triggers	Section 7.5 + <b>Quiz 3</b>
2/12	Advanced SQL: Views + Triggers	Section 7.5
2/13	Advanced SQL: Cursors & Stored Procedures	Section 7.5
2/15	<b>No Class Advising Day</b>	
2/16	JDBC	Sections 7.4, 9.4
2/19	Functional Dependencies (Part 1)	Section 9.6
2/20	Functional Dependencies (Part 2)	Section 3.1 & 3.2
2/22	Normalization	Section 3.1 & 3.2
2/23	Reading/Make up Day	
2/26	Normalization	Sections 3.3 - 3.5
2/27	Final Exam Revision	Sections 3.3 - 3.5 + <b>Quiz 4</b>
3/1	<b>FINAL EXAM</b>	

Homework	Post Date	Due Date	Special Instructions
Homework 1	Jan. 16, 2018	Jan. 23, 2018 (4:00 pm)	Covers ER and Relational Models
Homework 2	Jan. 22, 2018	Jan. 29, 2018 (4:00 pm)	Covers Mapping, Algebra
Homework 3	Feb. 17, 2018	Feb. 22, 2018 (4:00 pm)	Covers FDs and Normalization

Project Phases	Post Date	Due Date	Special Instructions
Phase 1	Jan. 19, 2018	Jan. 30, 2018 (4:00 pm)	Covers ER & Relational Models
Phase 2	Jan. 30, 2018	Feb. 9, 2018 (11:59 PM)	Covers SQL queries
Phase 3	Feb. 13, 2018	Feb. 23, 2018 (11:59 PM)	Covers Advanced SQL & JDBC