

<u>Schedule of Assignments & Topics</u>	<u>Date</u>
1. Class Meeting 1	11/18/2017
• Morning	
○ Summary of Course and Objectives	
○ Chapter 1: Introduction to Data Modeling	
○ Chapter 2: Relational Database Components	
• Afternoon	
○ Normalization Preview	
○ Class Exercise(s) on Normalization (Good News Grocers, Art Gallery)	
○ Chapter 3: Data and Process Modeling	
○ Class Exercise on Supertypes and Subtypes	*** no class on 11/25/2017 ***
2. Class Meeting 2	12/02/2017
• Assignment 1 Due	
• Morning	
○ Chapter 4: Organizing Database Project Work	
○ Chapter 5: Conceptual Data Modeling	
○ Class Exercise on Conceptual Data Modeling	
• Afternoon	
○ Chapter 6: Logical Database Design Using Normalization	
○ Class Exercise on Normalization (Animal Hospital)	
○ Chapter 7: Beyond Third Normal Form	
○ Class Exercise on Advanced Normalization (Transit Schedule); continue next class	
3. Class Meeting 3	12/09/2017
• Assignment 2 Due	
• Morning	
○ Class Exercise on Advanced Normalization (Transit Schedule)	
○ Chapter 8: Physical Data Modeling	
• Afternoon	
○ Chapter 9: Alternatives for Incorporating Business Rules	
○ Class Exercise on Incorporating Business Rules	
○ Chapter 10: Alternatives for Handling Temporal Data	
○ Class Exercise on Handling Temporal Data	
4. Class Meeting 4	12/16/2017
• Assignment 3 Due	
• Morning	
○ Chapter 11: Modeling for Analytical Databases	
○ Chapter 12: Enterprise Data Modeling	
○ Class Exercise Modeling Analytical Databases	
• Afternoon	
○ Class Presentations of Assignment 3	