**Lecture Schedule** (subject to change. Last updated May 25, 2016.)

|  |  |  |
| --- | --- | --- |
| Unit | Date | Readings |
| 1 | May 10 |  Introduction (Ch. 1).  |
| 2 | May 12 | ER Model. Ch. 7. Omit 7.9. |
| 3 | May 17 | Relational model. (Ch. 2).  |
| 4 | May 19 | Introduction to SQL (Ch.3)**Assignment 1 due.** |
| 5 | May 24 | Intermediate SQL (Ch. 4) . Omit 4.6. |
| 6 | May 26 | Relational Algebra (Ch.6.1). |
| 6 | May 28 | **Assignment 2 due** |
| 7 | May 31 | Advanced SQL (Ch.5). Omit 5.6. |
| 8 | June 2 | Application Development (Ch.9). Omit 9.6-9.8.Fundamental concepts are more important than the syntactic details. Only material from lecture notes will be on final exam. Use the text as a resource.**Midterm**  |
| 9 | June 7 | Application Development ctd.**Assignment 3a due tentative** (database connectivity) |
| 10 | June 9 | Object-oriented databases. XML. (Ch.22.1,22.2,22.3). Ch. 23.1., 23.2, 23.3 23.4**Assignment 3b due tentative** (application development) |
| 11 | June 14 | Storage and Indexing. (Ch. 10.5, 10.6. Ch. 11). Omit 11.7, 11.9. |
| 12 | June 16 | Query Processing (Ch.12). Final Exam Review.**Assignment 4 due (tentative)** |

First day of classes: Tuesday May 10

Last day of Classes: Thursday June 16