**Lecture Schedule** (subject to change. Last updated March 10, 2014.)

|  |  |  |
| --- | --- | --- |
| Week | Dates | Readings |
| 1 | Jan 6, 8, 10 | Introduction (Ch. 1). |
| 2 | Jan 13, 15, 17 | ER Model, relational model. (Ch.2,3). Omit 2.7, 3.6.2. |
| 3 | Jan 20, 22, 24 | Relational model. (Ch. 3). |
| 4 | Jan 27, 29, 31 | Relational Algebra (Ch. 4). Omit Ch.4.3, 4.4. |
| 5 | Feb 5 | **Assignment 1 due** |
| 5 | Feb 3, 5, 7 | SQL Queries. (Ch. 5) |
| 6 | Feb 10, 12, 14 | Reading break |
| 7 | Feb 17, 19, 21 | SQL queries. |
| 8 | Feb 28 | **Assignment 2 due** |
| 8 | Feb 24, 26, 28 | SQL: Constraints, Triggers, Security. Midterm Review. |
| 9 | March 7 | **Midterm** |
| 9 | March 3, 5 | SQL ctd. Application Development (Ch.6). Omit 6.1.1. |
| 10 | March 10, 12, 14 | Application Development . Fundamental concepts are more important than the syntactic details.  Internet Applications. (Ch. 7). Omit 7.4. . Only material from lecture notes will be on final exam. Use the text as a resource. |
| 11 | March 17, 19, 21 | XML. Ch.7.4. XPath (use Ch. 27.7.1. as a resource).  Storage and Indexing. (Ch.8). |
| 11 | March 17 | **Assignment 3a due** (database connectivity) |
| 12 | March 24 | **Assignment 3b due** (application development) |
| 12 | March 24, 26, 28 | Storage and Indexing ctd. (Ch.8). |
| 13 | April 2, 4 | Query Evaluation (Ch.12). |
| 13 | April 7 | **Assignment 4 due.** |
| 13 | April 9 | Final Exam Review. |

First day of classes: January 6.

Last day of Classes: April 9.