**Lecture Schedule** (subject to change. Last updated August 29, 2016.)

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| Week | Dates | Readings |
| 1 | Sep 7, 9 | Introduction (Ch. 1). |
| 2 | Sep 12, 14, 16 | Intro ctd. ER Model (Ch.2). Omit 2.7. |
| 3 | Sep 19, 21 | Relational model. (Ch. 3). Omit 3.6.2. |
| 3 | Sep 23 | Class will be a tutorial for Assignment 1.  **Assignment 1 due (tentative)** |
| 4 | Sep 26, 28, 30 | Relational Model. Introduction to SQL (Ch. 5.1-5.3) |
| 5 | October 3, 5, 7 | Intermediate SQL (Ch 5.4).  Relational Algebra (Ch. 4). Omit Ch.4.3, 4.4. |
| 6 | Oct 12, 14 | Relational Algebra ctd. (Ch. 4). Omit Ch.4.3, 4.4. |
| 7 | Oct 17 | **Assignment 2 due** |
| 7 | Oct 17, 19, 21 | Advanced SQL Queries. Constraints, Triggers, Security. (Ch. 5.5-5.9) |
| 8 | Oct 26, 28 | Application Development (Ch.6). Omit 6.1.1., 6.4 |
| 8 | Oct 24 | **Exam 1** |
| 9 | Oct 31, Nov 2, 4 | Internet Application Development . HTML. Fundamental concepts are more important than the syntactic details.  (Ch. 7). Omit 7.4. . Only material from lecture notes will be on final exam. Use the text as a resource. |
| 9 | Nov 4 | **Assignment 3a due** |
| 9 | Nov 7 | **Assignment 3b due** |
| 10 | Nov 7, 9 | XML. Ch.7.4. XPath (use Ch. 27.7.1. as a resource). |
| 11 | Nov 14, 16, 18 | Storage and Indexing. (Ch.8). |
| 11 | Nov 14 | **Exam 2** (tentative) |
| 12 | Nov 21, 23, 25 | Storage and Indexing ctd.  Query Evaluation (Ch.12.1-12.3). |
| 12 | Nov 25 | **Assignment 4 due** (tentative) |
| 13 | Nov 28, 30, Dec 2 | Query Evaluation (Ch.12.1-12.3). Tentative: Query Optimization: (Ch.12.4-5) |
| 14 | Dec 5 | **Exam 3** |

First day of classes: September 7

Last day of Classes: Dec 5