Exam 1 will be held in class on Thursday, September 25.

The exam will be open book and open notes.

The exam will cover lecture material through Sept 16 and textbook material as indicated in the following table:

| Chapter 1: Databases and Database Users | 1.1, 1.2, 1.3, 1.6 Basic Database Concepts  
1.4, 1.5 People and Roles |
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<td>OMIT: 1.7, 1.8</td>
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| Chapter 2: Database System Concepts and Architecture | 2.1 Data Models, Schemas and Instances  
2.2 Three-Schema Architecture and Data Independence  
2.3, 2.4 Languages, Environment, Utilities  
2.5 Basic Architectures |
|                                         |ITOR: 2.6                                                              |
| Chapter 3: ER Model  
Chapter 4: EER Model | 3.3-3.5: ER model concepts and syntax  
3.1, 3.2, 3.6, 3.7 examples and summaries  
4.1-4.4 EER model concepts and syntax  
4.5 examples |
|                                         |ITOR: 3.8, 3.9, 4.6, 4.7                                               |
| Chapter 5: Relational Data Model | 5.1 Basic Concepts  
5.2 Constraints  
5.3 Updates and Constraint Violations |
| Chapter 7: ER/EER to Relational Mapping | 7.1 ER \rightarrow relational  
7.2 EER \rightarrow relational |
| Chapter 6: Relational Algebra | 6.1: select and project  
6.2: operations from set theory  
6.3.1-6.3.3: join  
6.4: additional operators  
6.5: examples |
|                                         |ITOR: 6.3.4, 6.3.5, 6.6, 6.7                                           |