**CPSC 461 FINAL**

**Textbook “Database Management Systems” list of recommended chapters for reading**

**Part I Foundations**

Chapter 1 – Overview  
Chapter 2 – Intro to DB design

**Part III Storage and Indexing**

Ch 8 – Overview  
Ch 9 – Disks and Files  
Ch 10 –Trees  
Ch 11- Hashing

**Part IV – Transaction management**

Ch 16 – Overview, Concurrency, ACID model  
Ch 17 - Concurrency  
Ch18 – Crash Recovery  
Ch 21 –Security  
Ch 22 – Parallel and Distributed  
Ch 26 – Data Mining  
Ch 27 – Information Retrieval  
Ch 28 – Spatial Data management

**Corresponding topics from the course outline:**

Week 1 – Intro  
Week 2 – Index structures  
Week 3 –Memory, architecture, disks  
Week 4 - RAID, Data Security  
Week 6 – Information Retrieval, Web search  
Week 7 –Spatial Databases  
Week 9 – Data Mining, Market Analysis  
Week 10 –Pattern Analysis, Supervised/Unsupervised learning  
Week 11 – Parallel/Distributed systems  
Week 12 - Concurrency control, Crash recovery