

What to read? When is it due? (Version: 03 Jan 2007)

Deliverables

	Due	Week
A1. Web Search Interface with the Google API	Jan 23	#4
P1. System Design, Rough Draft	Jan 25	#4
A2. SQL Data Definition and Manipulation	Jan 30	#5
A3. Database Design	Feb 06	#6
X1. Midterm Exam	Feb 08	#6
P2. Design & Code: Functions 1–2	Feb 22	#8
A4. Information Retrieval: Matching & Ranking	Mar 01	#9
P3. Final System	Mar 08	#10
A5. Participation: Personal Statement	Mar 08	#10
P4. Demonstration (to be arranged with Beth)	Mar 08-09	#10
X2. Final Exam	TBD*	#11

* We will seek to hold the final exam on Tue, March 13, 1:30 – 3:30, MGH 420 but this will require the unanimous consent of all students.

Readings

Week 1: Introduction (Jan 4)

Connolly & Begg, Chap. 1-2

Week 2: Relational model (Jan 09)

Connolly & Begg, Chap. 3-4 (4.2 optional)

Week 3: SQL (Jan 16)

Connolly & Begg, Chap. 5-6, Appendix C (optional)

Week 4: ER-Modeling (Jan 23)

Connolly & Begg, Chap. 9, 11-12,

Week 5: Normalization (Jan 30)

Connolly & Begg, Chap. 13

Week 6: Review (Feb 06)

No readings

Week 7: Documents and indexing (Feb 13)

See course website for:

Belew, Chap. 1-2

Week 8: Queries and matching (Feb 20)

See course website for:

Belew, Chap. 3

Week 9: Evaluation (Feb 27)

See course website for:

Baeza-Yates & Ribeiro-Neto,

Week 10: Review (Mar 06)

No readings