

COS 435 2011 Midterm exam

All material thru compression is included (thru Mar. 2)
for compression, only main ideas required for *this* exam,
not details of techniques

Exam is open book with restrictions - see
[Announcements Web page](#)

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Outline of Major Topics Covered (highlights)

- [Models and methods](#)
 - Modeling queries and documents
 - Satisfying, scoring and ranking w.r.t query
 - Vector models for ranking
 - Link analysis for ranking
- [Evaluating retrieval systems](#)
- [Algorithms and data storage](#)
 - Index structures
 - Evaluating queries using indexes
 - Building “inverted indexes”
 - Storage concerns
 - Disk-based (external) algorithms
 - Compressing indexes

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