

Information Retrieval



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uct cs honours 2016

Course Structure

- 16 lectures
 - in a somewhat even schedule
 - lecture types
 - ~12 lectures, ~3 paper discussions, ~1 guest lecture
 - 1 programming assignment (in groups of about 3)
 - where you get to build a search engine for some real-world data ...
- ~3 paper summaries (individually)
 - to keep you honest ...
- 1 take-home final or something equivalent

Lecture Changes

- Please take note:

- No lectures on:
 - Friday 15 April 10am
 - Tuesday 10 May 11am

- Additional Lectures at 11am on:
 - Thursday 16 May
 - Thursday 17 May

Marks

- ❑ ~~10%~~ - class participation
 - ❑ 10% - paper summaries
 - ❑ 30% - programming assignment
 - ❑ 50% - take home final
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- ❑ Maybe some marks for in-class exercises!

Course Topics

- ❑ Fundamentals of IR
- ❑ Models: boolean, vector, probabilistic, etc.
- ❑ Text pre-processing
- ❑ LSI, Link-based techniques
- ❑ Metadata
- ❑ Evaluation metrics
- ❑ Classification
- ❑ Multilingual and cross-lingual IR
- ❑ etc.