

CS497 – Frontiers In CS *Winter 2007 (pilot version)*

Course coordinator- Prof. Shai Ben-David (*shai@cs.uwaterloo.ca*)

Goals

- Exposure to the variety of research in our school.
- Excite about CS research.
- Opportunity to interact with our faculty.

Target audience

Curious and smart 3rd and 4th year students.

Technically

- We'll send email invitations to students with highest averages.
- Limited number of slots based on student's applications (just email me)
- Open to all for auditing.

The structure of the course

- Each professor will have two lectures (one week) to present a topic.
- Topics (and speakers) change every week.
- Final 2-3 weeks devoted to supervised work on individual projects.

Workload and grades

- Weekly assignments - 40%
- Final project (on a topic of your choice under supervision of the relevant professor) – 60%

Schedule of talks for Winter 2007

Jan 4 – Shai (*Introduction*)

Jan 9 and 11 – Ming Li

Jan 16 and 18 – Richard Cleve

Jan 23 and 25 – Tim Brecht

Jan 30 and Feb 1 – Urs Hengartner

Feb 6 and 8 - Michael Terry

Feb 13 and 15 – Shai Ben-David

Feb 25 and March 1 – Dan Berry

March 6 and 8 – Ken Salem

March 13 and 15 –Srinivasan Keshav

