CS 5435 Topics in Cryptography (Reading course)
Fall, 2005

General information:

Instructor: Dr. Ruizhong Wei (AT 5021, Ex. 8227)

Course Web: `http://ccc.cs.lakeheadu.ca/cs5435-SS.html`

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Prerequisite: CS 2477, CS 4476

Description:

This is a reading course for graduate students in Computer Science. This semester, the topic is secret sharing and its application. The students registered this course should read and understand the materials themselvs.

In the beginning, the students should carefully read Chapter 11 from the book: D.R. Stinson, Crytography: Theory and Practice. Then you can select at least one application of secret sharing for further study. I'll put some materials in the course web. However, the materials are not limited from the course web. You may find related research papers yourself. If you have any questions or ideas, you are encouraged to discuss with the instructor in any time.

Materials:

- D.R. Stinson, Cryptography: Theory and practice, CRC Press, Chapter 11.

- Some research papers uploaded in the course web page.

Course grade:

Determined by the discussion with the instructor and the final technique report.

The requirement of the final report will distribute later.