Math 3375: Theory of Cryptology

Fall 2021

Instructor: Dr. Yin Chen,

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D2L Course Link: `https://mycourselink.lakeheadu.ca/d2l/home/85725`

Lectures:

Monday	17:30 – 19:00	Zoom
Wednesday	17:30 – 19:00	Zoom

Office Hours:

Tuesday	11:00 – 13:00	Zoom

Text: *Cryptological Mathematics*, by Robert Edward Lewand, published by the Mathematical Association of America.

Course Content:

This course is an introduction to cryptological mathematics. We will cover the main topics of all four chapters.

Assignments:

There will be 6 assignments (due on 14:00 pm, Tuesdays, September 21, October 5, 26, November 9, 23 and 14:00 pm, Monday, December 6). The problem sets will be posted on D2L course page about a week before the due time. You can type up your solutions or write them on paper, scan them to make **ONE** pdf or doc file and then upload the file to D2L assignment folders. Late assignments will not be accepted under any circumstances.

Midterm Exams:

- Midterm Exam 1

  17:30 – 19:00, Wednesday, October 20, Zoom.

- Midterm Exam 2

  17:30 – 19:00, Wednesday, November 17, Zoom.

Course Grade:

Assignments	24%
Midterm Exams	32%
Final Exam	44%