

Department of Mathematics and Statistics

PMAT 429: Winter 2010 Dr. R.A. Mollin

Cryptography — The Design of Ciphers

Prerequisite: PMAT 315 and 329.

Text: An Introduction to Cryptography—Second Edition, R.A. Mollin, Chapman & Hall/CRC Press, Taylor and Francis Group, Boca Raton, London, New York (2007).

Syllabus: See Table of Contents of Textbook

GRADING: There will be no quizzes, midterm, or final. There will be four take-home tests worth 25% each of approximately 1 week's duration. You will be allowed to collaborate with your fellow class-mates and consult the textbook only. You will be expected to write the solution in your own words and submit. This is a learning experience similar to the working mathematician/academic to solve difficult problems and create new approaches to the topic at hand, rather than memorizing and regurgitating facts.

| Test# | Date Handed Out | Date Handed Back |
|-------|-----------------|------------------|
| 1 | January 29 | February 5 |
| 2 | February 19 | February 26 |
| 3 | March 12 | March 19 |
| 4 | April 9 | April 16 |