QUEEN MARY, UNIVERSITY OF LONDON

MTH6115 Cryptography

Course Information Winter/Spring 2011

Lecturer: Dr John N. Bray **Room:** B54

Office Hours: See my webpage `http://www.maths.qmul.ac.uk/~jnb/`.

Lectures:

Tuesday	13:00–14:00	PP2 for now, MLT later in term
Tuesday	15:00–16:00	PP2 for now, MLT later in term
Thursday	9:00–10:00	PP2 for now, MLT later in term

Exercise Classes:

Wednesday	11:00–12:00	Jones UG1 (Surnames A–M)
Thursday	14:00–15:00	Jones LG1 (Surnames N–Z)

Course Information: All information is available on the course web page at

> `http://www.maths.qmul.ac.uk/~jnb/MTH6115/`.

It is recommended that you bookmark this page and visit it regularly. Some information is also handed out in lectures.

Reading list:
Simon Singh. The Code Book: How to Make It, Break It, Hack It, or Crack It. *Delacorte Press.* (Introductory.)
Dominic Welsh. Codes and Cryptography. *Oxford University Press.*
Paul Douglas Stinson. Cryptography: Theory and Practice. *Chapman and Hall.*

Assignment Information: I intend to produce approximately 7 exercise sheets, in addition to the Cipher Challenge. All marks will count. Hand in work to be marked in the ORANGE box on the GROUND floor.

If you miss handing in a coursework for a good reason, you should fill in a copy of the Missed In-Term Assessment Report Form (from the Web at

> `http://www.maths.qmul.ac.uk/undergraduate/`,

or from the Undergraduate Studies Handbook) and give it to the School Office (Room 101).

Prerequisites: MTH4104/MAS117 Introduction to Algebra; MTH5112/MAS212 Linear Algebra I.

Assessment: Coursework 10%; Cipher Challenge 10%; Examination 80%.

CALCULATORS ARE NOT PERMITTED in the examination for this course.	Dr John N. Bray 19th January 2011