

QUEEN MARY, UNIVERSITY OF LONDON

MTH6115

Cryptography

Course Information

Winter/Spring 2010

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

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

Lectures: Tuesday 13:00–14:00 Geography 126
 Tuesday 15:00–16:00 Geography 126
 Thursday 9:00–10:00 Geography 126

Exercise Classes: Wednesday 11:00–12:00 Queen's EB1 (Surnames A–M)
 Thursday 14:00–15:00 Queen's EB1 (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 6 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 Pastoral Tutor (Dr O. Bandtlow, Room B16).

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.

J. N. Bray
11th January 2010