

COSC412 Course Outline

Lecture No.	Lecture Topic
1	Introduction and administration; computer security.
2	Classical cryptography and the one time pad.
3	Public Key cryptography; RSA/ECC; Random Number Generation (1/3)
4	Public Key cryptography; RSA/ECC; Random Number Generation (2/3)
5	Public Key cryptography; RSA/ECC; Random Number Generation (3/3)
6	Cryptography in practice (1/4)
7	Cryptography in practice (2/4)
8	Cryptography in practice (3/4)
9	Cryptography in practice (4/4)
10	Complexity (1/2)
11	Complexity (2/2)
12	Homomorphic Encryption
13	Presentations