MAS 711- Discrete Methods

Aims and Objectives

Introduce fundamental methods of Discrete Mathematics.

Syllabus

Enumeration, graph and network algorithms, finite fields and applications, Boolean algebras, polyhedra and Linear Programming, algorithmic complexity

Assessment

Examinations:	50%
Continuous Assessment:	50%

Prerequisites

Approval by the Division

Recommended Textbook & Reference

J.H. Van Lint & R.M. Wilson "A Course in Combinatorics", Cambridge