School of Mathematics

Course 111 — Algebra 1998-99
(JF Mathematics, Theoretical Physics & Two-subject Moderatorship)

Lecturer: Dr. D. P. O'Donovan

Requirements/prerequisites: None

Duration: 24 weeks

Number of lectures per week: 3

Assessment: Continuous assessment through four short examinations spread over the academic year.

End-of-year Examination: No annual examination. Those who fail through continuous assessment must take a supplemental examination (in September)

Description: Introduction to groups.
Functions, homomorphisms, quotient groups.
Introduction to rings and fields.
Introduction to linear algebra.
Textbooks: John R. Durbin, *Modern algebra – an introduction*
John B. Fraleigh, *A first course in abstract algebra*

June 10, 1998