School of Mathematics

Module MA3411 — Abstract algebra I 2009-10
(JS & SS Mathematics, JS & SS Two-subject Moderatorship)

Lecturer: Dr. David Wilkins

Requirements/prerequisites:

Duration: Michaelmas term, 11 weeks

Number of lectures per week: 3 lectures including tutorials per week

Assessment:

End-of-year Examination: This module will be examined jointly with MA3412 in a 3-hour examination in Trinity term, except that those taking just one of the two modules will have a 2 hour examination.

Description: (Preliminary) Galois Theory, incorporating relevant bits of group theory, in particular, solvable groups, and Cauchy's Theorem that a group whose order is divisible by a prime contains an element whose order is that prime.

Refer to `http://www.maths.tcd.ie/pub/official/Courses07-08/311.html`

May 1, 2009