

School of Mathematics

Module MA1111 — Linear algebra I

2009-10

(JF Mathematics, JF Theoretical Physics & JF Two-subject Moderatorship)

Lecturer: Dr. Vladimir Dotsenko

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 MA1212 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:

This will correspond roughly to half of 113 in 2008-09. See <http://www.maths.tcd.ie/pub/official/Courses08-09/113.html>.

Approximate learning outcomes:

Introduction to linear algebra including vectors, systems of linear equations (Gaussian eliminations), matrices, determinants, linear independence, linear transformation, matrix of a transformation in a basis.

April 26, 2009