

FORK1003 Preparatory Course in Linear Algebra

Course Information

Course code	FORK 1003
Course title	Preparatory course for MSc in Business and Economics Linear Algebra
ECTS credits	None
Examination	None
Prerequisites	Methods and techniques from a standard mathematics course at Bachelor level

Instructor Information

Instructor	Eivind Eriksen
Office	B4-055
Home page	http://www.iu.hio.no/~eeriksen/

Compulsory Reading

Reading	K. Sydsæter, P. Hammond, <i>Essential Mathematics for Economic Analysis</i> , 3rd Edition, ISBN 9780273713241, Chapter 15 - 16
Web site	http://www.pearsoned.co.uk/HigherEducation/Booksby/Sydsaeteretal/

Course Schedule

Date	Time	Room	Theme	EMEA
Aug 2	09 - 12	C2-080	Linear Systems, Vectors	15.1, 15.6 - 15.8
Aug 3	09 - 12	C2-080	Matrices, Matrix Algebra	15.2 - 15.5
Aug 4	09 - 12	C2-080	Determinants, Inverses	16.1 - 16.8

Problems

Theme	Problems (EMEA)
Linear Systems, Vectors	15.1: 1,2,6 15.6: 1,3 15.7: 1, 5
Matrices, Matrix Algebra	15.2: 4 15.3: 1,4 15.4: 2 15.5: 2,3
Determinants, Inverses	16.1: 1 16.5: 1,2 16.6: 1,2 16.7: 2 16.8: 1

Test

There will be a test at the end of the course. The test will not be graded, but solutions to the test problems will be made available.