

# FORK 1003

## Practical information

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**Course title:** FORK 1003 Preparatory course for MSc in Business and Economics - linear algebra

**ECTS credits:** 0

**Prerequisites:** Methods and techniques from a standard mathematics course at Bachelor level.

**Textbook:** Sydsæter, Hammond, *Essential mathematics for economic analysis*. Harlow : Financial Times/Prentice Hall.

**Course homepage:** <http://www.iu.hio.no/~eeriksen/Teaching/BI-Mathematics/FK-1003/math.html>

## Lectures:

Week	Date		Title	EMEA
32	6 Aug	1	Matrices and Matrix Algebra	15.2, 15.3
32	7 Aug	2	Matrix algebra and Determinants	15.4, 15.5, 16.1
34	18 Aug	3	Determinants and Inverse Matrices	16.2-16.6

**Problems:** There will be a problem sheet corresponding to each lecture. It is a part of the course requirement that you work out the problems. Some minor topics will be treated only in the problems. In fact, the problems are perhaps the most important part of the course.

There will be a test at the end of the course.