



PREP-COURSE SYLLABUS 2019

MATHEMATICS | BERKAN ACAR

DESCRIPTION

This course offers a review of the basic knowledge of mathematics, focusing on economic applications for a deeper understanding and working knowledge.

OUTLINE

- Mathematical models.
- Real valued functions.
- Complete study of a function: sketch graph. Economic applications.
- Linear algebra.
- Matrix algebra.
- Functions of several variables.

LECTURES

Lecture 1: One variable calculus: foundations.

Lecture 2: One variable calculus: applications.

Lecture 3: Exponents and logarithms.

Lecture 4: Introduction to linear algebra.

Lecture 5: Matrix algebra.

Lecture 6: Functions of several variables.

REFERENCES

[1] Mathematics for Economists, C. Simon-L. Blume. W.W. Norton & Company, Inc. ISBN 0-393-95733-0

OFFICE HOURS

By appointment: berkanacar@gmail.com



BERKANACAR@GMAIL.COM



TELEFONO EEBL:
06 7259 5744



MSC@EEBL.UNIROMA2.IT