

Course title	Advanced Microeconomics
Level / Semester	M1 / 2nd semester
Credits	
Director of Studies	David Martimort
Other teaching staff	
Teaching Hours CM	30
Teaching Hours TD	0
Teaching Hours TP	0
Course Language	English
Language for TD and/or TP	

1. Instructors:

David Martimort, martimort.david@gmail.com; Office hours: By appointment.

2. Course description:

This course discusses the Theory of the Firm, stressing the various contractual relationships that its management entertain with customers, regulators, shareholders, and debtholders.

3. Objective:

The goal of the class is to familiarize students with the notion of the firm as a nexus of contracts.

4. Prerequisites:

Although there is no formal prerequisite, we would assume some basic mathematical knowledge (algebra, analysis, probability, etc). Also, basic knowledge of game/contract/mechanism design/contract theory would be helpful.

5. Evaluation:

Based on a few problem sets and a final exam. At most 30% of the grade is by the problem sets, and the rest is by the final exam. Also, too many late arrivals and non-attendance may affect the grade.

6. References:

Laffont and Martimort (2002): The Theory of Incentives: The Principal-Agent Model, Princeton University Press

7. Course outline:

- (1) The Firm and its regulator
- (2) The Firm and its customers
- (3) The Firm and its shareholders/debtholders
- (4) The Firm and its competitors