

# Microeconomics I

## Course outline

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44715  
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### Aim of the course

Microeconomics analyzes the behavior of individual economic agents and their interactions under different institutional arrangements. Microeconomics I aims to develop an understanding of how rational individuals choose their consumption and how profit maximizing firms decide their production plans. Having studied the single agent decision problem, Microeconomics I moves to the anonymous interaction of economic agents in the competitive markets. The general equilibrium model and the special but important case of partial equilibrium model serve this purpose. Microeconomics I discusses the foundations of market equilibria and its welfare properties.

### Topics

We will cover the following topics which correspond to the indicated chapters from Varian (1992).

- Consumer theory (Varian Ch 7, 8, 9, 10)
- Producer theory (Varian Ch 1, 2, 3, 4, 5, 6)
- General equilibrium (Varian Ch 17, 18)
- Partial equilibrium (Varian Ch 13)
- Uncertainty (Varian Ch 11)

### Lectures

Saturday and Monday 8-9:30, Class 7.

Office hours: Saturday and Monday 13:30-14:30 or by appointment.

Contact: m.vesal AT sharif DOT edu

## Classes

Starts from second week.

Teachers responsible: Afshin Cheraghi, Kianoush Saeedi

Time and location: TBA.

## Evaluation

- Midterm exam (30%), 6 Azar 1398, 8:00, closed book written exam.
- Final exam (40%): 21 Dey 1398, 8:00, closed book written exam.
- Assignments (10%): submission of weekly assignments is mandatory. You are encouraged to work in teams but copy-paste from others will get you a zero grade.
- Essays (10%): Two essays during the term. The maximum grade of the two will be counted.
- Quizzes (10%): 5 quizzes during the term, the lowest grade will be eliminated.
- Class participation (5%): active participation in class and lectures could earn you extra points!

## References

- We cover the indicated chapters from the following book (referred above as Varian)  
Varian, Hal R., *Microeconomic Analysis*, W. W. Norton and Company Inc. (1992)
- Relevant chapters from the following books are also useful:  
Jehle, G. and P. Reny, *Advanced Microeconomic Theory*, Addison-Wesley (1998).  
Kreps, D., *A Course in Microeconomic Theory*, Princeton University Press (1990).  
Mas-Colell, A., Whinston, M. D., and J. R. Green, *Microeconomic Theory*, Oxford University Press (1995).  
Rubinstein, Ariel, *Lecture Notes in Microeconomic Theory*, Princeton University Press.