

Syllabus

[cmcd.economia@fgv.br]

Course: Microeconomics I

Professor: Braz Camargo

FIRST SEMESTER, 2024

COURSE OUTLINE

Microeconomics I is an introduction to Choice and General Equilibrium. It begins with a brief discussion of choice in an abstract setting. It then discusses classical demand theory and choice under uncertainty. Following that, we break your heart with Social Choice Theory. We conclude with an introduction to General Equilibrium. The problem sets are an integral part of the course. They both serve to test and expand your understanding of the material. The emphasis on mathematical rigor will be great.

DETAILED PROGRAM

Preferences and Choice

Preference Relations

Utility Functions

Choice

Classical Demand Theory

Utility Maximization

Expenditure Minimization

Slusky's Equation

Integrability and Revealed Preference (*)

Choice under Uncertainty

Expected Utility

Risk Aversion (Utility for Money)

Subjective Probabilities (*)

Social Choice

Arrow's Impossibility Theorem
Gibbard-Satterthwaite Theorem

General Equilibrium

Exchange Economies
Walrasian Equilibrium
First and Second Welfare Theorems
Time and Uncertainty (*)

(*) Time permitting.

BIBLIOGRAPHY

LECTURE NOTES

JEHLE, G. A., and RENY, P. J., *Advanced Microeconomic Theory, third edition*, Prentice Hall, 2011.

MAS-COLELL, A., WHINSTON, M. D. and GREEN, J. R., *Microeconomic Theory*, Oxford, 1995.

GRADING

Problems sets (40%) and Final Exam (60%). The Final Exam is based on the problem sets.

Students who fail the course are entitled a substitute exam ("re-aval") taking place in the April 22-26 week. The final grade of such students is either the minimum passing grade, if they pass the re-aval, or their original failing grade.

PROFESSOR - EMAIL

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