

PART I

WEEK 1

Lecture 1: Preferences and Choice Rules

Lecture 2: WARP, Sen's Axioms, and Rationalizable Choices

WEEK 2

Lecture 3: Preferences and Utility: Debreu's Representation Theorem

Lecture 4: Structural Properties of Utility Functions and Walrasian Demand

WEEK 3

Lecture 5: Utility Maximization and Indirect Utility Function

Lecture 6: Comparative Statics, Envelope Theorem, and Hicksian Demand

WEEK 4

Lecture 7: Slutsky Decomposition

Lecture 8: Producer Theory

WEEK 5

Lecture 9: Properties of Supply and Profit; Aggregation

Lecture 10: Decision Making Under Uncertainty. Independence, Mixture Space Theorem, and Preference over Lotteries

WEEK 6

Lecture 11: von Neumann & Morgenstern Expected Utility, and Risk Aversion, Stochastic Dominance

Lecture 12: Anscombe-Aumann Subjective Expected Utility, Qualitative Probabilities, Paradoxes

MIDTERM EXAM

PART II

WEEK 7

Lecture 13: Partial versus General Equilibrium. A partial equilibrium model with quasilinear preferences

Lecture 14: Partial Equilibrium: supply and demand, equilibrium in competitive markets, efficiency, taxes, subsidies, price controls

WEEK 8

Lecture 15: The standard general equilibrium model

Lecture 16: The standard general equilibrium model (continued)

WEEK 9

Lecture 17: Definition of a competitive equilibrium; efficiency.

Lecture 18: Efficiency of a competitive equilibrium (continued): welfare theorems

WEEK 10

Lecture 19: Existence of a competitive equilibrium

Lecture 20: Existence of a competitive equilibrium (continued)

WEEK 11

Lecture 21: Non-cooperative foundations of competitive equilibrium

Lecture 22: Non-cooperative foundations of competitive equilibrium (continued)

WEEK 12

Lecture 23: Cooperative foundations of competitive equilibrium

Lecture 24: Cooperative foundations of competitive equilibrium (continued)

WEEK 13

Lecture 25: Equilibrium under uncertainty: the Arrow-Debreu model