

Textbooks: Mas-Colell/Whinston/Green, *Microeconomic Theory*. (MWG)

Reference books: Hal Varian, *Microeconomic Analysis*. (HV)

David Kreps, *A Course in Microeconomic Theory*. (DK)

Debreu, *Theory of Value*. (Debreu)

Marsden, *Elementary Classical Analysis*. (Marsden)

Arrow/Intriligator, *Handbook of Mathematical Economics*, Vol. I and II (Handbook).

Mathematical Preliminary:

1. Marsden Ch 1-5;
2. Debreu Ch 1;
3. Handbook I Ch 1.

Part I Individual Decision Making

1. Consumer choice and classical demand theory (MWG Ch 1-4)
2. Production (MWG Ch 5)
3. Choice under uncertainty (MWG Ch 6)

Part I and Ch 7 of DK, Part II (Ch 9, 10, 12) of Handbook II

Part II Partial Market Equilibrium

1. Competitive markets (MWG Ch 10).
2. Externalities and public goods (MWG Ch 11)

Part II (Ch 7, 9, 10) of DK, Part I (Ch 11, 14) of Handbook II

Part III General Equilibrium

1. Basic examples (MWG Ch 15).
2. General equilibrium welfare properties (MWG Ch 16)
3. The positive theory of equilibrium (MWG Ch 17)
4. Some foundations for competitive equilibrium (MWG Ch 18)

Part II (Ch 6, 8) of DK, Part II (Ch 15, 18) of Handbook II

Part IV Extensions

1. General equilibrium under Uncertainty (MWG Ch 19)
2. Equilibrium and Time (MWG Ch 20)

Part II (Ch 16, 19, 20) of Handbook II