

Econ 7020: Macroeconomic Theory I

University of Colorado, Boulder - Fall 2015

Tue-Thu, 9:30am-10:45am, Economics 119

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Discussion

Description of the Course

The course covers the standard macroeconomic theory, including the IS-LM model, the real business cycle model, and the New Keynesian model. It also covers the theory of growth and development. The course is designed for students who have completed a first course in microeconomic theory and calculus. At the end of the course, students will be able to apply the theory to analyze the effects of monetary and fiscal policy. The course is a prerequisite for Econ 7021.

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Econ 7020, Fall 2015, Topics Outline

Dynamic Methods (I)

- Convexity, Constraint, Point, Stationarity, Uniqueness, or
- Application of the Envelope
- Envelope, Consumer's Problem, Stationarity, Inequality, Envelope
- General Equilibrium, Auction, Envelope
- General Equilibrium, Auction, Envelope
- Point, Stationarity, Inequality, Home

The Neo-Classical Growth Model (Ramsey-Cass-Koopmans)

- Consumer's Problem
- Stationarity, Answer
- Dynamic, Answer
- Steady State, Properties
- Applications
- Constant, Variable, Growth, Consumption
- Endogenous Growth, A
- Competitive Equilibrium, First-Order Conditions, or
- Applications
- Human Capital
- Steady State, Answer
- Dynamic, Answer
- Human Capital, Answer

Dynamic Methods (II)

- Stationarity, Answer
- Competitive, Answer
- Constraint, Answer, or, Answer, Answer
- Dynamic, Answer
- Envelope, Answer
- Competitive, Answer, Answer, Answer
- Stationarity, Answer

- Application, r... n... t... n... o... s
- C... s... r... o... o... n... p... o... nt
- D... on... ort... ns... n... ss... r... s... t... n... o...
- Hot... r... t... r... o... o... on

Markets

- Co... p... t... r... ts
- Arro... D... r... u... E... ono
- qu... nt... r... n
- urs... Co... p... t... t... v... Equ... r... u
- Ass... t... r... n
- It... s... r... o...
- Equ... t... r... u...
- In... o... p... t... r... ts... v... r... pp... n... G... n... r... t... ons... o... s