

Important Issues in Macroeconomics

Macroeconomics, the study of the economy as a whole, addresses many topical issues:

Why does the cost of living keep rising?

Why are millions of people unemployed, even when the economy is booming?

What causes recessions?

Can the government do anything to combat recessions? Should it?

Important Issues in Macroeconomics

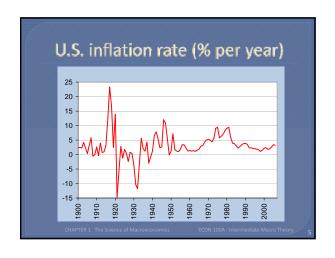
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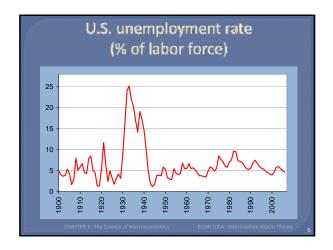
What is the government budget deficit?
How does it affect the economy?

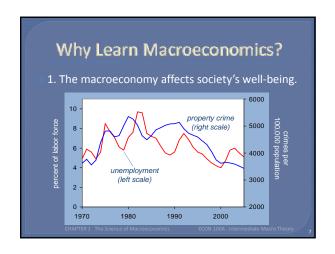
Why does the U.S. have such a huge trade deficit?

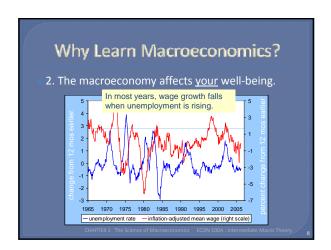
Why are so many countries poor? What policies might help them grow out of poverty?

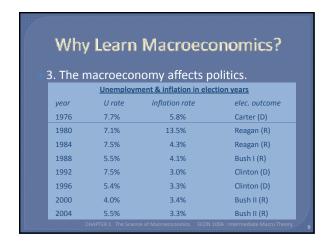


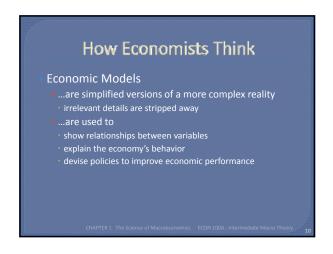




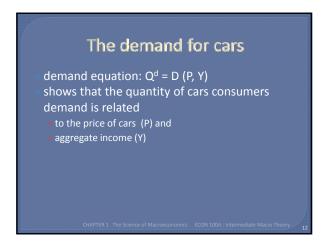


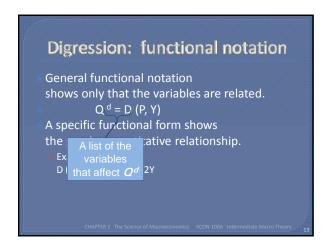


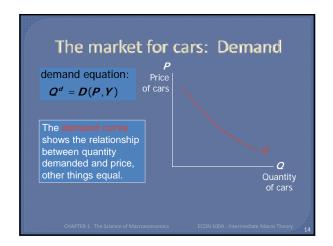


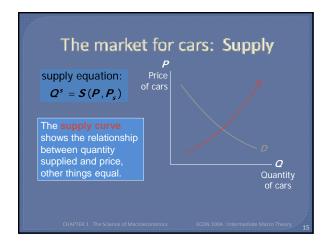


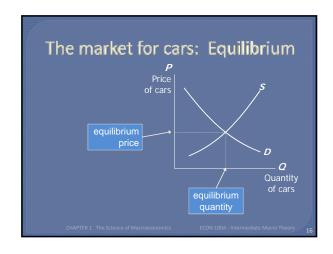
# Theory as Model Building: Supply & demand for new cars shows how various events affect price and quantity of cars assumes the market is competitive: each buyer and seller is too small to affect the market price Variables: Qd = quantity of cars that buyers demand Qs = quantity that producers supply P = price of new cars Y = aggregate income Ps = price of steel (an input)

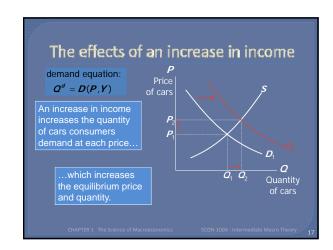


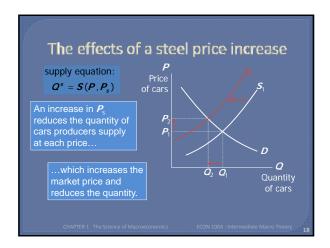


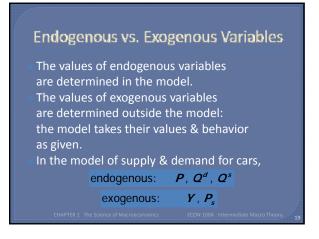




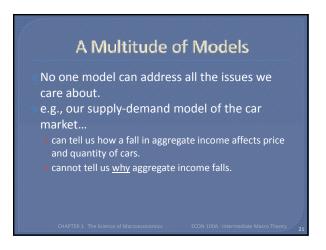








### Classroom Example Write down demand and supply equations for wireless phones; include two exogenous variables in each equation. Draw a supply-demand graph for wireless phones. Use your graph to show how a change in one of your exogenous variables affects the model's endogenous variables.



## A Multitude of Models So we will learn different models for studying different issues (e.g., unemployment, inflation, long-run growth). For each new model, you should keep track of: assumptions which variables are endogenous, and which are exogenous the questions it can help us understand, and those it cannot



### Prices: Flexible vs. Sticky

The economy's behavior depends partly on whether prices are sticky or flexible:
If prices are sticky, then demand won't always equal supply. This helps explain

- unemployment (excess supply of labor)
- why firms cannot always sell all the goods they produce
- Long run: prices flexible, markets clear, economy behaves very differently

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### Microeconomic Thinking & Macroeconomic Models

Microeconomics is the study of how individual households and firms make decisions.

- Households maximize utility
- Firms maximize profit.
- Modern macroeconomic theory is typically based on microfoundations of macroeconomic behavior.
- Sometimes these microfoundations are implicit, other times they are explicit in the models used.

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### Outline of this Course

Introduction to Macroeconomic Data & Analysis (Ch. 1-2)

- How macroeconomists think and how we measure key macroeconomic variables.
- Classical and Growth Theory (Ch. 2-8)
  - How the economy works in the long run, when prices are flexible.
  - The standard of living and its growth rate over the very long run.

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### Outline of this Course

Business Cycle Theory (Romer, Ch. 1-3; Ch. 13)

- How the economy works in the short run, when prices are sticky.
- Policy debates (Ch. 14 & 19)
  - Should the government try to smooth business cycle fluctuations?
  - Which macro models are "best"?
- Microeconomic foundations (Ch. 16)
- Insights from looking at the behavior of consumers, from a microeconomic perspective.

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