Microeconomics is about how people and firms trade and transform resources. People work in exchange for money. They use the money to buy goods and services. Firms provide the goods and services, using various inputs including labor.

How does a consumer decide what to buy? How does a firm decide what to make? How does the economy coordinate so that firms produce what consumers want? Is a central planning agency required? Is it possible that prices contain enough information to coordinate the market? In short, how does the economy work?

This course explores answers to some of these questions. We will first consider a model of consumer behavior. Next we will discuss market equilibrium, and show that trade can make everyone better off. Then we will turn to several models of firms, and equilibrium with both firms and consumers. Time permitting, we will briefly study game theory and externalities, both of which are currently active areas of research.

Prerequisites: Econ 2010, Math 1080, 1090, 1100.


Grading: Homework 30%

Midterm 30%

Comprehensive Final 40%

The exams will be similar to the homework. If you do all the homework and read the assigned chapters carefully you should do well in the exams. The material in this course is harder than your principles course. If you put in the effort you will be rewarded with a much deeper understanding of microeconomics.
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