

UNIVERSITY OF COLORADO  
Department of Economics

Economics 3070-100  
Intermediate Microeconomic Theory  
Fall 2008

Craig Kerr  
Office: Economics 414  
Email: [craig.kerr@colorado.edu](mailto:craig.kerr@colorado.edu)

Lecture: MWF 10:00 am - 10:50 am, DUAN G131  
Office Hours: W 12:30 pm - 2:00 pm, Economics 414  
Course Website: <https://webfiles.colorado.edu/kerrc/>

Office hours and class time are the best times to ask questions or deal with issues. Please read this syllabus and talk to me in class or in office hours with any questions. Use emails as a last resort. Although emails are acceptable, points will be taken from your final score for emailed questions that could be answered by reading the syllabus.

#### Course Description

This course introduces the theoretical framework for analyzing the economic behavior of individual decision-makers, such as consumers, workers, firms, and managers. The techniques presented in this course are used by almost every economist and can be applied to many applied fields including international economics, environmental economics, labor economics, and industrial organization.

The course is divided into four sections. We begin with a basic review of supply and demand. We then proceed to Section 2, which covers consumer behavior and market demand. In this section, we build a model of consumer choice and use this model to derive individual demand and market demand. In Section 3, we turn our attention to the other side of the market and analyze the behavior of firms and market supply. We build a model to show how each firm decides what technology it should use to make its product and what quantity of this product to bring to market. This model is then used to derive the firm's supply curve and the market supply curve. Section 4 brings the two sides of the market together to show how price and output are determined by the market. Different market structures are examined including perfect competition and monopoly.

#### Prerequisites

Th

The models covered in this course require calculus. It will be assumed that every student has a working knowledge of calculus,

## Tentative Course Schedule

Week Starting	Topic	Readings	HW Due
25-Aug	Analyzing Economic Problems	Ch 1	
1-Sep	Demand and Supply Analysis	Ch 2	HW 1
8-Sep	Consumer Preferences and the Concept of Utility	Ch 3	HW 2
15-Sep	Consumer Choice	Ch 4	HW 3
22-Sep	Theory o		

express opinions. Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with differences of race, culture, religion, politics, sexual orientation, gender variance, and nationalities. Class rosters a