

COURSE TITLE: Intermediate Microeconomics I  
COURSE NUMBER: Econ 310  
SECTION TIMES/DAYS: TR 1:35-2:50, 3:00-4:15  
INSTRUCTOR: Dr. Dorothea Herreiner

#### COURSE DESCRIPTION/PRINCIPAL TOPICS

Microeconomic theory applied to the private sector. Indifference curves, utility theory, Slutsky equation, individual and market demand, technology, cost minimization, cost curves, consumer and producer surplus, efficiency, perfect competition, monopoly, price discrimination, classical oligopoly theory, game theory including Nash equilibrium, resource markets.

#### STUDENT LEARNING OUTCOMES

Student will learn the core theories and models in microeconomics, using the standard mathematical tools and applications. Students will be able to solve the decision problems individuals and firms face in perfectly and imperfectly competitive markets.

#### PREREQUISITES/RECOMMENDED BACKGROUND

Required:  
Econ 110 (or 105)      Introductory Microeconomics  
Math 112              Mathematical Analysis for Business II or  
Math 131              Calculus I

#### REQUIRED TEXTS

Besanko, D., Braeutigam, R.R. (2005), Microeconomics, Wiley.  
Alternatives:  
Varian, H. (2005), Intermediate Microeconomics, Norton.  
Pindyck, R., Rubinfeld, D., (2009), Microeconomics, Pearson.

Consult with instructor before acquiring book(s).

#### COURSE WORK/EXPECTATIONS

Regular problem sets.  
Two midterms and a final exam.  
Class Attendance and Participation.