

Course Title	Microeconomic Theory
Course Code	ECO-303
Pre-Requisite	ECO-202: Intermediate Microeconomics
Degree Program (BS / MS / PhD)	BS

Course Objectives

This is an advance level course in undergraduate microeconomics stream that:

1. provides rigorous (mathematical) foundations to microeconomic analysis of consumer and firm behavior
2. explains some advanced topics of market structures (such as oligopoly models and game theory)

Learning Outcomes

Students will be able to:

1. present economic principles in mathematical language
2. apply the economic theory models in the course to address contemporary questions in the theory of economic policy
3. manipulate formal models as simplified representations of reality to generate policy predictions

Contents

Week	Topic
1	Technology and Production
2	Technology and Production
3	Technology and Production
4	Cost Minimization
5	Cost Minimization
6	Profit Maximization
7	Profit Maximization-Monopoly

8	Monopoly
9	Mid-term
10	Monopoly Pricing
11	Monopolistic Competition
12	Game Theory
13	Oligopoly
14	Oligopoly
15	Consumer Theory
16	Consumer Theory
17	Buffer Week
18	Final Examination

Readings List (including Books, Journals, Papers Articles, & Websites whatever is applicable)

- a. Intermediate Microeconomics: A Modern Approach (Eighth Edition) by Hal R. Varian, Publication of W.W. Norton & Company, New York, London.
- b. Microeconomic Theory: Basic Principles and Extensions (Eleventh Edition) by W. Nicholson and C. Snyder, Published by South-Western, Thomson Learning Inc.
- c. Microeconomics (Seventh Edition) by R.S. Pindyck, D.L. Rubinfeld and P.L. Mehta, Published by Prentice Hall, Pearson Education, Inc.