Course CodeCourse NameSemester Theory Practice Lab Credit ECTSCNT342Microeconomics520022

Prerequisites

Objective

Admission Requirements

Language of Instruction French
Course Type Elective

Course Level Bachelor Degree

The field of economy stated in the industrial engineering definition has to be known with all aspects. In this course concepts of economy will be examined by all sides of the market. The economy is simply an abstraction referring to the grand sum of all our production and consumption activities. What we collectively produce is what the economy produces; what we collectively consume is what the economy consumes. Learning these concepts will be useful in

the planning and determination of constraints stage.

In this context, the objectives of this course are determined as follows:

- To understand the consumer behavior,To understand the firm behavior,
- To analyze different types of market structures (monopoly, oligopoly and a competitive market),
- To understand how to apply economic principles to a range of policy questions.
- 1. Week: Introduction: The fundamental problems of economic organization, Markets and government in a modern economy
- 2. Week: The Basics of Supply and Demand
- 3. Week: Consumer Behavior
- 4. Week: Individual and Market Demand5. Week: Uncertainty and Consumer Behavior

6. Week: Production

Content 7. Week: The Cost of Production

8. Week: Profit Maximization and Competitive Supply 9. Week: The Analysis of Competitive Markets 10. Week: Market Power: Monopoly and Monopsony

11. Week: Pricing with Market Power

12. Week: Monopolistic Competition and Oligopoly13. Week: Game Theory and Competitive Strategy

14. Week: Markets for Factor Inputs

• Pindyck, R. S., Rubinfeld, D. L., Micro-économie, 2013, Paris.

· Pucci, M., Valentin, J., Microéconomie La concurrence parfaite, Presses Universitaires de France, 2009, Paris.

Theory Topics

References

Weekly Contents

- 1 Introduction: The fundamental problems of economic organization, Markets and government in a modern economy
- 2 The Basics of Supply and Demand
- 3 Consumer Behavior
- 4 Individual and Market Demand
- 5 Uncertainty and Consumer Behavior
- 6 Production
- 7 The Cost of Production
- 8 Profit Maximization and Competitive Supply
- 9 The Analysis of Competitive Markets
- 10 Market Power: Monopoly and Monopsony
- 11 Pricing with Market Power
- 12 Monopolistic Competition and Oligopoly
- 13 Game Theory and Competitive Strategy
- 14 Markets for Factor Inputs