



Course Specification

Course Name:[Fundamentals of Economics]

Course Code:[DS121]

I. Basic Course Information

Major or minor element of program:[General]

Department offering the course:Operations Research and Decision Support Department

Academic level:[100 Level]

Semester in which course is offered:[Second (spring) Semester]

Course pre-requisite(s): [N/A]

Credit Hours:3

Contact Hours Through:

Lecture	Tutorial*	Practical*	Total
2.5	1.5	0.0	4.0

* 1.5 hours for **either** Tutorial or Practical

Approval date of course specification: January 2015]

II. Overall Aims of Course

[The aim of the course is to enable the students to understand how consumer decisions are influenced by economic forces, recognize the economic choices available and decisions made by individuals and firms, and to define the different market structures.]

III. Program ILOs covered by course

Program Intended Learning Outcomes (By Code)			
Knowledge & Understanding	Intellectual Skills	Professional Skills	General Skills
[K8,K14]	[]	[]	[G5,G9]



Course Specification

IV. Intended Learning Outcomes of Course (ILOs)

a. Knowledge and Understanding

On completing the course, students should be able to:

- K.1 Explain the essential concepts and principles related to micro-economics.
- K.2 Learn the importance of economics in real life.
- K.3 Study the different theories applied in market economy.]

b. Intellectual/Cognitive Skills

On completing the course, students should be able to:

- I.1 Explain the forces of demand and supply.
- I.2 Identify the effect of demand elasticity on the profitability of the firms.
- I.3 Indicate the characteristics of the four different market structures.
- I.4 Present and interpret data using tables and diagrams.
- I.5 Solve mathematical problems related to the essential concepts of micro-economics.]

c. Practical/Professional Skills

On completing the course, students should be able to:

- P.1 Apply the techniques and theorems in real applications.
- P.2 Analyze specific data and information to determine the role of economy in real life.
- P.3 Apply the tools studied to solve a real problem (case study).]

d. General and Transferable Skills

On completing the course, students should be able to:

- G.1 Gather data from various sources, including the electronic media, such as internet.
- G.2 Choose a case study from the real world and apply the studied techniques.
- G.3 Be fully responsible for the preparation of the case study and manage the presentation schedule of the students' work.
- G.4 Exercise research skills, such as data collection, tabulation, analysis, report presentation and class discussions.]

V. Course Matrix Contents

	Main Topics / Chapters	Duration (Weeks)	Course ILOs Covered by Topic (By ILO Code)			
			K & U	I.S.	P.S.	G.S.
1-	[Scarcity And Choice: The Economic Problem]	[1]	[K1,K2]	[]	[]	[]
2-	[Supply And Demand: An Initial Look]	[1]	[K3]	[I2]	[]	[]
3-	[Consumer Choice: Individual and Market Demand]	[1]	[K3]	[I3]	[]	[]
4-	[Indifference Curves and Budget Line]	[1]	[]	[I1,I3]	[P2]	[]
5-	[Demand and Elasticity]	[2]	[]	[I1,I2,I3]	[P2]	[]
6-	[Production, Inputs, And Cost: Supply Analysis]	[2]	[K1,K3]	[I4,I5]	[P1,P2,P3]	[G1,G4]
7-	[The Firm and Industry Under Perfect Competition]	[1]	[K2]	[I5]	[P2,P3]	[G2,G3,G4]



Course Specification

8-	[The Firm and Industry Under Monopoly]	[1]	[K2]	[I2,I5]	[P2,P3]	[G2,G3,G4]
9-	[Monopolistic Competition and Oligopoly]	[1]	[K1,K3]	[I1,I2,I3]	[P1,P2,P3]	[G2,G4]
10-	[Supply of Labour and Supply of Land]	[2]	[K2]	[I1,I2,I3]	[P1,P2,P3]	[G2,G3,G4]
	Net Teaching Weeks	13				

VI. Course Weekly Detailed Topics / hours / ILOs

Week No.	Sub-Topics	Total Hours	Contact Hours	
			Theoretical Hours	Practical Hours*
1	[Scarcity And Choice: The Economic Problem]	[2.5]	[2.5]	
2	[Supply And Demand: An Initial Look]	[4]	[2.5]	[1.5]
3	[Consumer Choice: Individual and Market Demand]	[4]	[2.5]	[1.5]
4	[Indifference Curves and Budget Line]	[4]	[2.5]	[1.5]
5	[Demand and Elasticity]	[4]	[2.5]	[1.5]
6	[Demand and Elasticity]	[4]	[2.5]	[1.5]
7				
8	[Production, Inputs, And Cost: Supply Analysis]	[4]	[2.5]	[1.5]
9	[Production, Inputs, And Cost: Supply Analysis]	[4]	[2.5]	[1.5]
10	[The Firm and Industry Under Perfect Competition]	[4]	[2.5]	[1.5]
11	[The Firm and Industry Under Monopoly]	[4]	[2.5]	[1.5]
12	[Monopolistic Competition and Oligopoly]	[4]	[2.5]	[1.5]
13	[Supply of Labour and Supply of Land]	[4]	[2.5]	[1.5]
14	[Supply of Labour and Supply of Land]	[4]	[2.5]	[1.5]
15	Final Exam			
Total Teaching Hours		51	33	18

* No Practical/Tutorial during the first week of the semester



Course Specification

VII. Teaching and Learning Methods

Teaching/Learning Method	Selected Method	Course ILOs Covered by Method (By ILO Code)			
		K & U	Intellectual Skills	Professional Skills	General Skills
Lectures & Seminars	<input checked="" type="checkbox"/>	[K1,K2,K3]	[I1,I2,I3]	[]	[]
Tutorials	<input checked="" type="checkbox"/>	[]	[I4,I5]	[P1,P2,P3]	[]
Computer lab Sessions	<input type="checkbox"/>	[]	[]	[]	[]
Practical lab Work	<input type="checkbox"/>	[]	[]	[]	[]
Reading Materials	<input type="checkbox"/>	[]	[]	[]	[]
Web-site Searches	<input type="checkbox"/>	[]	[]	[]	[]
Research & Reporting	<input type="checkbox"/>	[]	[]	[]	[]
Problem Solving / Problem-based Learning	<input checked="" type="checkbox"/>	[]	[]	[]	[G1,G2,G3,G4]
Projects	<input type="checkbox"/>	[]	[]	[]	[]
Independent Work	<input type="checkbox"/>	[]	[]	[]	[]
Group Work	<input type="checkbox"/>	[]	[]	[]	[]
Case Studies	<input type="checkbox"/>	[]	[]	[]	[]
Presentations	<input type="checkbox"/>	[]	[]	[]	[]
Simulation Analysis	<input type="checkbox"/>	[]	[]	[]	[]
Others (Specify):	<input type="checkbox"/>	[]	[]	[]	[]

VIII. Assessment Methods, Schedule and Grade Distribution

Assessment Method	Selected Method	Course ILOs Covered by Method (By ILO Code)				Assessment Weight / Percentage	Week No.
		K & U	I.S.	P.S.	G.S.		
Midterm Exam	<input checked="" type="checkbox"/>	[K1,K2,K3]	[I1,I2,I3]	[P1]	[]	[20%]	7
Final Exam	<input checked="" type="checkbox"/>	[K1,K2,K3]	[I1,I2,I3]	[P1]	[]	60%	15
Quizzes	<input checked="" type="checkbox"/>	[]	[I4,I5]	[P2,P3]	[G1,G2,G3,G4]	[20%]	[On a weekly basis]
Course Work	<input type="checkbox"/>	[]	[]	[]	[]	[]	[]
Report Writing	<input type="checkbox"/>	[]	[]	[]	[]	[]	[]
Case Study Analysis	<input type="checkbox"/>	[]	[]	[]	[]	[]	[]
Oral Presentations	<input type="checkbox"/>	[]	[]	[]	[]	[]	[]
Practical	<input type="checkbox"/>	[]	[]	[]	[]	[]	[]
Group Project	<input type="checkbox"/>	[]	[]	[]	[]	[]	[]
Individual Project	<input type="checkbox"/>	[]	[]	[]	[]	[]	[]
Others (Specify):	<input type="checkbox"/>	[]	[]	[]	[]	[]	[]



Course Specification

IX. List of References

Essential Text Books	<ul style="list-style-type: none">• [Baumol and Blinder, Economics, Principles & Policy, 8th edition]
Course notes	<ul style="list-style-type: none">• [None]
Recommended books	<ul style="list-style-type: none">• [Paul A. Samuelson and W. D. Nordhaus, Economics , 17th Edition]
Periodicals, Web sites, etc ...	<ul style="list-style-type: none">• [www.msaguide.8m.net (includes the Community and lots of web links)]

X. Facilities required for teaching and learning

<p>List the facilities required</p> <ul style="list-style-type: none">• Computer aided data show• White boards• Computers]

Course coordinator:[Prof. Omar Soliman]

Head of Department:Prof. Mohamed Mostafa Saleh

Date: [January 2015]