



SULTAN QABOOS UNIVERSITY

COURSE OUTLINE

PROGRAM: Bachelor of Science in NRE

1. Course Code	NREC4440	
2. Course Title	Applied Microeconomics II	
3. Credits	3 CH, 12 CP, 6 ECTS	
4. Pre-requisite Course(s)	CAMS2003, NREC 3100, NREC3301	
5. Co-requisite Course(s)	Nil	
6. Equivalent Course(s)		
7. Incompatible Course(s)		
8. Course Category	<input type="checkbox"/> University Requirement	<input type="checkbox"/> University Elective
	<input type="checkbox"/> College Requirement	<input type="checkbox"/> College Elective
	<input checked="" type="checkbox"/> Department Requirement	<input type="checkbox"/> Department Elective
	<input type="checkbox"/> Specialization Requirement	<input type="checkbox"/> Specialization Elective
	<input type="checkbox"/> Other (specify):	
9. Course Owner	College:	Department: NRE
10. Course Type	<input type="checkbox"/> Lecture	<input checked="" type="checkbox"/> Lecture/Lab
	<input type="checkbox"/> Lecture/Seminar	<input type="checkbox"/> Lecture/Studio
	<input type="checkbox"/> Lecture/Tutorial	<input type="checkbox"/> Lecture/Lab/Tutorial or Seminar
	<input type="checkbox"/> Tutorial	<input type="checkbox"/> Laboratory (Practical)
	<input type="checkbox"/> Field or Work Placement	<input type="checkbox"/> Studio
	<input type="checkbox"/> Seminar	<input type="checkbox"/> Internship
	<input type="checkbox"/> Workshop	<input type="checkbox"/> Project
11. Language of Instruction	English	
12. Course Description		
<p>Applied Micro II (NREC4440), is a core course, is a natural continuation of the Applied Micro I (NREC3301), designed to teach students the current tools of microeconomics analysis and helps them to develop a deeper understanding of the principles he/she learned about in NREC3301, as well as new principles and lab-based applications that he/she did not encounter in the NREC3301. The focus of learning in the Applied Micro II is the market structure analysis, the market competitive strategies analysis, the information, market failure, and government role analysis. At the end of the course, students should understand and critique the literature in many fields that heavily use the concepts, including labor economics, industrial organizations, public finance, and development. What students learn here will form much of their basic repertoire as a professional economist in the future.</p>		
13. Teaching/Learning Strategies		
<p>Each week's lesson builds on what students have learned prior to that and progressively introduced new concepts and their applications in microeconomic context. The interrelationship between concepts is explained graphically and the plausible chain reactions are established through cause and effect analysis.</p> <p>Each introduced concepts are supported by examples of local and regional origin that students are acquainted with. This is to encourage students' active engagement in learning. During the course relevant economic data and information that are gathered from various government agencies in Oman are presented and used as a basis of class discussions and model building.</p> <p>The assignments (in the form of class test) and exams are designed to assess the conceptual, analytical, and problem solving skills.</p>		
14. Assessment Components and Weight [%]		
<input checked="" type="checkbox"/> Quizzes 10%	<input checked="" type="checkbox"/> Practical 10%	<input type="checkbox"/> Other (specify):
<input checked="" type="checkbox"/> Homework assignments 5%	<input type="checkbox"/> Project	
<input checked="" type="checkbox"/> In-term examination(s) 25%	<input checked="" type="checkbox"/> Final examination 50%	

15. Grading Method
<input checked="" type="checkbox"/> A-F Scale <input type="checkbox"/> Pass/Not passed
16. Textbook(s) and Supplemental Material
Main Reference: Microeconomics. (2018). Robert S. Pindyck, Daniel L. Rubinfeld. – 9th Edition – (The Pearson series in economics) - ISBN 978-0-13-418424-1 - eBook (Adobe Reader) , published by Pearson Education © 2018. .
**** During the course, lecture notes and additional readings will be distributed.*****

17. Matching Course Objectives with Program Outcomes and SQU Graduate Attributes		
SQU Graduate Attributes		
A. SQU graduates should be able to: <ol style="list-style-type: none"> 1. apply the knowledge and skills relevant to the specialization 2. communicate effectively and use information and communication technologies 3. critically analyze complex information and present it in simple clear manner 	B. SQU graduates possess <ol style="list-style-type: none"> 1. interpersonal communication skills and alignment with culture of international labour market to assist them in practical life and in living successfully 2. skills and motivation for independent learning and engagement in lifelong learning and research 3. work ethics and positive values, and intellectual independence and autonomy 4. teamwork skills and display potential leadership qualities 	C. SQU graduates should <p>relish good citizenship qualities, be conscious of their national identity and be socially responsible, engage in community affairs and be mindful of contemporary issues.</p>

#	Intended Student Learning Outcome /Course Learning Objective	Relevant Program Outcome(s)	Applicable Attribute(s)
1.	Explain how choices made by households, firms and governments are coordinated	Students are able to gain an intuitive understanding of concepts and theory of market economics and be able to appreciate the possible applications in commercial agricultural business management and agricultural policy analysis.	A1
2.	Explain with the aid of demand and supply curves, how equilibrium prices are determined	Students are able to gain an intuitive understanding of concepts and theory of market economics and be able to appreciate the possible applications in commercial agricultural business management and agricultural policy analysis.	A1
3.	Identify the main factors that exert influence on demand and supply and analyze how the changes in those factors change the equilibrium price and quantity	Students are able to gain an intuitive understanding of concepts and theory of market economics and be able to appreciate the possible applications in commercial agricultural business management and agricultural policy analysis.	A1
4.	Explain the concepts of elasticity of demand and its application in decision- making	Demonstrate in-depth knowledge on theory and analytical methods in natural resource economics and business.	A1, A3
5.	Analyze the effects of changes in key economic variables on household consumption behavior	The ability to identify, formulate, analyse and solve economics and business problems	A-1, A2
6.	Describe the economic factors which govern the main objectives of economic decision-making units	Demonstrate in-depth knowledge on theory and analytical methods in natural resource economics and business.	A1, A3
7.	Analyze different market structures and the optimization behavior of each under different time frames	The ability to identify, formulate, analyse and solve economics and business problems	A-1, A2
8.	Analyze the consequences of government intervention (i.e. tax, subsidy, price ceilings, price floors etc.)	Demonstrate knowledge of contemporary issues.	A1, B1

9.	Explain the concept of public goods, externality and market failure and how to overcome such problems	Demonstrate in-depth knowledge on theory and analytical methods in natural resource economics and business	A1, A3
10.	Explain the basic welfare principles	Demonstrate in-depth knowledge on theory and analytical methods in natural resource economics and business	A1, A3
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16. Student Responsibilities

It is the student's responsibility to know and comply with all University Academic Regulations relevant to participation in this course. These regulations specifically include attendance requirement and students' academic code of conduct.

For attendance, it is the student's responsibility to be punctual and to attend all classes.

Students are expected to perform their work with honesty and avoid any academic misconduct, which is defined as the use of any dishonest or deceitful means to gain some academic advantage or benefit. This can take many forms, including but not limited to, the following: copying, plagiarism, collusion and forging documents. For full details, please refer to the Undergraduate Academic Regulations and to the Student Academic Misconduct Policy.

Additionally, this course requires that you:

COURSE INFORMATION			
Course Code	NREC4440	Course Title	Applied Microeconomics II
Semester/ Year	Spring	Section(s)	10
Day, Time, and Place			
Course Coordinator	Tarig Gibreel		
Office Location	CAMS-NRE	Office Hours	
Office Tel. Ext.	1231	Email	tmgibreel@squ.edu.om

Tentative Schedule			
Week	Lecture #	Topic/Material to be covered	Assessment
1	1,2	MODULE 1: INTRODUCTION (1Weeks) Chapter 1 Revision of the basics learned from Applied Micro I	
2	3,4	MODULE 2: MARKET STRUCTURE ANALYSIS (4Weeks) Chapter 2 Market Power: Monopoly and Monopsony	Test I (5%)
3	5,6	Chapter 2 Market Power: Monopoly and Monopsony Chapter 3 Pricing with Market Power	Assignments (5%)
4	7,8	Chapter 3 Pricing with Market Power Chapter 4 Monopolistic Competition and Oligopoly	Test II (5%)
5	9,10	Chapter 4 Monopolistic Competition and Oligopoly	
6	11,12	MODULE 3: MARKET COMPETITIVE STRATEGIES ANALYSIS (5 Weeks) Chapter 5 Game Theory and Competitive Strategy	
7	13,14	Chapter 5 Game Theory and Competitive Strategy	
8	15,16	Chapter 6 Markets for Factor Inputs	Midterm (25%)
9	17,18	Chapter 6 Markets for Factor Inputs Chapter 7 Investment, Time, and Capital Markets	
10	19,20	Chapter 7 Investment, Time, and Capital Markets	
11	21,22	MODULE 4: INFORMATION, MARKET FAILURE, AND THE ROLE OF THE GOVERNMENT (4 Weeks) Chapter 8 General Equilibrium and Economic Efficiency	
12	23,24	Chapter 8 General Equilibrium and Economic Efficiency Chapter 9 Markets with Asymmetric Information	Lab Exam (10%)
13	25,26	Chapter 9 Markets with Asymmetric Information Chapter 10 Externalities and Public Goods	
14	27,28	Chapter 11 Behavioral Economics	
15	29,30	Revision (1 Week)	
16		Final Exam	Final Exam (50%)
17			

APPENDIX A: INSTRUCTORS OF MULTIPLE SECTIONS

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APPENDIX B: ADDITIONAL INFORMATION

Assessment item*	Type	Weighting	Date
Assignment 1	Class Test	5%	Begginig of October
Mid-term Exam	Exam	25%	End of October
Assignment 2	Class Test	5%	November
Assignment 3	Home Work	5%	End of November
Lab-Exam	Lab Exam	10%	Will be announced
Final Exam	Exam	50%	TBA