

University of Jordan
Jordan University Business School (JUBS)

Course Syllabus

1. Department Name:	Business			
2. Program Name:	BSC in Business Economics			
3. Program Code	ECN			
4. Course Code and Title:	Econometrics ١٦٠٧٤٤٠			
5. Course credits:	3			
6. Pre-requisites:				
7. Course Instructor/ Coordinator Name and Email	Dr. Noura Abu Asab n.abuasab@ju.edu.jo			
8. Course web-page:				
9. Academic year:	2016/2017			
10. Semester:	First	*Second	1 st Summer	2 nd Summer
11. Textbook(s) (Make sure you have one textbook – resource materials online)				
<p>حسين مجيد، سعيد عفاف، ١٩٩٨، الإقتصاد القياسي النظرية والتطبيق، دار وائل للنشر، عمان، الأردن</p> <p>Gujarati, Damodar, N. Basic Econometric MacGraw-Hill, Inc.</p>				
12. References: (Make sure that the references are available in the Library and online)				
<p>حسين مجيد، سعيد عفاف، ١٩٩٨، الإقتصاد القياسي النظرية والتطبيق، دار وائل للنشر، عمان، الأردن</p> <p>Gujarati, Damodar, N. Basic Econometric MacGraw-Hill, Inc.</p> <p style="text-align: center;">Check the e-learning/JU Page for additional sources</p>				
13. Other resources used (e.g. periodicals, software, eLearning, site visits, etc.):				
<i>e-learning and the FB group: Econometrics_JU_Dr.Nora</i>				
14. Course description (from the catalog)				
<p><i>This module introduces students to the importance of econometric modelling in economics. It starts with an introduction to definitions of econometrics and economic relationships. It covers topics of basic econometrics such as estimation of simple and multiple linear regression by OLS, Hypothesis testing, problems of inference and non-linear forms of economic fuctions. This module introduces students to the applied work using EViews; students are trained on how to use EViews to estimate economic models and be familiar with different diagnostic tests.</i></p>				

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15. Course Intended Learning Outcomes: (All CILOs must start with an action verb, please use ANNEX I for getting a better understanding of the Action Verbs and Blooms Taxonomy. The mapping of the CILOs with relevance to the PILOs of the program.)

CILOs (Preferred not to exceed 12 CILOs)	Mapping to PILOs										
	a	b	c	d	e	f	g	h	i	J	k
1. Start building economic models											
2. Distinguishing the difference between different relationships in statistics											
3. Getting familiar with economic data/ their forms and distinctions											
4. Analysing economic theory empirically											
5.											
6.											
7.											
8.											
9.											
10.											
11.											
12.											

16. Course evaluation: (Formative and summative assessment methods are expected)

Assessment Type	Details/ Explanation of Assessment in relation to CILOs	Number	Weight	Date(s)
Quizzes			%	
Midterms			25 %	16/3/2017
Assignments			%	
Projects/Case Studies			20%	11/4/2017
Commitment/ Behaviour			5%	
Final			50%	5/2017

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Total			100%	
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17. Description of Topics Covered (The description should be from the textbook used)

Topic Title (e.g. chapter title)	Description
Introduction	Definitions of econometrics// statistical relationships//Economic data
Methodology	The steps of econometrics methodology
OLS	Simple linear regression model
OLs	multiple linear regression model
Hypothesis testing	The three main approaches
Problems of inference	Normality assumption, F test, multicollinearity And other empirical test for good modeling
EViews training	Work empirically on what have been learnt in EViews
Non-linear models	Non linear forms of economic models
Problems of inference	Autocorrelation and hetroskedasticity

18. Course Weekly Breakdown:

Week	Date	Topics covered	CILOs	Teaching Method	Assessment
1		Introduction			
2		Methodology		Theoretical and applied work	
3		OLS/Simple models			
4		OLS/Simple models			
5		OLS/multiple models		Theoretical and applied work	
6		Hypothesis testing		Theoretical and applied work	
7		Hypothesis testing		Theoretical and applied work	
8		Problems of inference 1		Theoretical and applied work	
9		EViews program			
10		Non-linear models		Theoretical and applied work	
11		Problems of inference 2			

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12		<i>Exercises&Exams</i>			
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19. <u>Others:</u>	
	Description
Attendance policies:	Students are not allowed to miss more than 15% of the classes during the semester. Failing to meet this requirement will be dealt with according to the university disciplinary rules.
Absences from exams and handing in assignments on time:	
Health and safety procedures:	
Honesty policy regarding cheating, plagiarism, misbehavior:	

Course Coordinator:	Type the Name	Add your Signature
Head of Department:	Type the Name	Add your Signature
Head of curriculum committee/ School Level:	Type the Name	Add your Signature
Dean:	Type the Name	Add your Signature
Approved by the Program Coordinator/ Head of the Department on:	Type the date: DAY/MONTH/YEAR	

<u>Copy to:</u>
<input type="checkbox"/> Head of Department
<input type="checkbox"/> Assistant dean for Development and Quality Assurance
<input type="checkbox"/> Course Portfolio