

Syrian Arab Republic	 الجامعة الافتراضية السورية SYRIAN VIRTUAL UNIVERSITY	الجمهورية العربية السورية
Ministry of Higher Education		وزارة التعليم العالي
Syrian Virtual University		الجامعة الافتراضية السورية

Course Description: Projects Evaluation & Feasibility Studies

1- Basic Information:

Course Name	Projects Evaluation & Feasibility Studies
Course ID	BAC303
Contact Hours (Registered Sessions)	18
Contact Hours (Synchronized Sessions)	18
Mid Term Exam	-
Exam	75 min
Registered Sessions Work Load	18
Synchronized Session Work Load	18
Credit Hours	4

2- Pre-Requisites:

Course	ID
Introduction to Marketing	BMN202
Fundamentals of Financial Management	BFB201
Cost Analysis	BAC202

3- Course General Objectives:

This course aims to develop the students' cognitive abilities and provide them with the necessary skills to help them understand how to collect and process data in order to reach the right decisions regarding the acceptance, rejection or modification of the investment proposal, by providing students with the skills and knowledge related to understanding the legal forms of the projects, Feasibility study, elements and methods.

As well as understanding the objectives and stages of each of the marketing, technical, economical and social studies, and the necessary skills involved in how to determine the appropriate size of the project, its internal arrangement, its physical and human needs, its location, and how to write the final report of the feasibility study, and the judgment on the quality of the study.

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Syrian Virtual University		الجامعة الافتراضية السورية

4- Intended Learning Outcomes (ILO):

Code	Intended Learning Outcomes
ILO1	The ability to determine the content and objectives of the feasibility study and the distinction between stages, and determine the nature of investment decisions and legal forms of projects, and identify the difficulties and problems of the feasibility study.
ILO2	Identify the objectives of the project evaluation process and its importance, identify the principles of the project evaluation process and the methods and criteria of the project evaluation process.
ILO3	Identify the objectives of the marketing feasibility study and its stages, the sources of data needed to prepare them, identify the methods of forecasting the demand for products, how to study the target markets and determine the expected market share.
ILO4	Identify the objectives of the technical feasibility study, determine the appropriate size of the project and the size of its production capacity, determine the appropriate production method for the project, identify and choose the technical means and equipment required for the project, and identify how to determine the internal arrangement of the project and how to determine the project needs of production requirements and human resources. Understand how to estimate project construction costs, visualize the final form of the project, and understand how to determine the appropriate location of the project and how to estimate its costs.
ILO5	Understand the significance of the financial feasibility study of projects and the meaning of project financing, and identify appropriate methods for financial feasibility study and financial evaluation of projects using different methods.
ILO6	Identify the objectives of the economic and social feasibility study, and how to estimate the contribution of the project to the GDP, as well as to identify the criteria for evaluating economic and social feasibility.
ILO7	Understand how to prepare and organize the final report of the feasibility study and how to make appropriate recommendations.

5- Course Syllabus (18 hours of total synchronized sessions;18 hours of total Recorded Sessions)

- **RS:** Recorded Sessions; **SS:** Synchronized Sessions;

ILO	Course Syllabus	RS	SS	Type	Additional Notes
ILO1	Introduction to Projects Evaluation and Feasibility Studies <ul style="list-style-type: none"> ○ Feasibility Concept & Definition. ○ Nature of Investment Decision. ○ Return & Risks. ○ Forms and Types of Projects. ○ Feasibility Study' Stages . 	1.5	1.5	<input type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input type="checkbox"/> Seminars <input type="checkbox"/> Projects <input type="checkbox"/> Practices <input type="checkbox"/> Others	Historical Annex.

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	<ul style="list-style-type: none"> ○ Cost Concepts. 				
ILO2	<p>.Techniques of Projects evaluation</p> <ul style="list-style-type: none"> ○ Concept of Projects. evaluating process. ○ Importance of Projects evaluating process. ○ Principles of Projects evaluating process. ○ Steps of Projects evaluating process. ○ Projects evaluating process Stages ○ Projects evaluating Techniques 	3	3	<ul style="list-style-type: none"> <input type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input type="checkbox"/> Seminars <input type="checkbox"/> Projects <input type="checkbox"/> Practices <input type="checkbox"/> Others 	
ILO3	<p>Marketing Study & Demand Estimating.</p> <ul style="list-style-type: none"> ○ Collect and analyze the Necessary Data. ○ Studying the Candidate Markets. ○ Methods of Prediction the Demand for Goods or Services. ○ Determine the Marketing Mix Elements. ○ Prepare the Final Report of the Marketing Feasibility Study 	3	3	<ul style="list-style-type: none"> <input type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input type="checkbox"/> Seminars <input type="checkbox"/> Projects <input type="checkbox"/> Practices <input type="checkbox"/> Others 	Annex: Guide of contracting decisions of the DoE in the USA.
ILO4	<ul style="list-style-type: none"> ○ The Technical Study and Cost Estimation ○ Determine the Size of the Project and its Production Capacity. ○ Determine the Production Methods. ○ Determine the Technical Means and Equipment ○ The Internal Arrangement of the Project. ○ Determine Production 	3	3	<ul style="list-style-type: none"> <input type="checkbox"/> Exercises <input checked="" type="checkbox"/> Assignments <input type="checkbox"/> Seminars <input type="checkbox"/> Projects <input type="checkbox"/> Practices <input type="checkbox"/> Others 	Read solved exercises before session.

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Syrian Virtual University		الجامعة الافتراضية السورية

	Requirements and Estimate its Costs ○ Determine the Necessary Human Resources and the Cost of Obtaining it. ○ Estimate the Founding of the Project Costs ○ Draw the Design or the Final Form of the Proposed Project ○ Determine the Project Site ○ Estimate the Costs of Project. ○				
ILO5	Financial Evaluation Criteria ○ Project Financing ○ Evaluation Criteria in Certainty Conditions ○ Evaluation Criteria in Conditions of Uncertainty	3	3	<input type="checkbox"/> Exercises <input type="checkbox"/> Assignments <input type="checkbox"/> Seminars <input type="checkbox"/> Projects <input type="checkbox"/> Practices <input type="checkbox"/> Others	Read solved exercises before session.
ILO6	The Economical and Social Study ○ Introduction ○ Evaluation Criteria of National and Social .Profitability ○ An Example of Social Feasibility Study	3	3	<input type="checkbox"/> Exercises <input type="checkbox"/> Assignments <input type="checkbox"/> Seminars <input type="checkbox"/> Projects <input type="checkbox"/> Practices <input type="checkbox"/> Others	Read solved exercises before session.
ILO7	Writing the Final Report of the Feasibility Study ○ Organization of the Report. ○ Key elements of the Report. ○ Stages of the Implementation the Project and Scheduling Spending ○ Costs Estimation. ○ The Environmental Impact of the Project ○ Project Production and the	1.5	1.5	<input type="checkbox"/> Exercises <input type="checkbox"/> Assignments <input type="checkbox"/> Seminars <input type="checkbox"/> Projects <input type="checkbox"/> Practices <input type="checkbox"/> Others	

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Markets				
○ Benefits or Returns of the Project				
○ Recommendations				

6- Assessment Criteria (Related to ILOs)

ISC	Interactive Synchronized Collaboration	Ex	Exams	Rpt	Reports
PF2F	Presentations and Face-to-Face Assessments	PW	Practice Work		

ILO Code	ILO	Intended Results	Assessment Type				
			ISC	PW	Ex	PF2F	Rpt
ILO1	The ability to determine the content and objectives of the feasibility study and the distinction between stages, and determine the nature of investment decisions and legal forms of projects, and identify the difficulties and problems of the feasibility study.		X		X		
ILO2	Identify the objectives of the project evaluation process and its importance, identify the principles of the project evaluation process and the methods and criteria of the project evaluation process.		X		X		
ILO3	Identify the objectives of the marketing feasibility study and its stages, the sources of data needed to prepare them, identify the methods of forecasting the demand for products, how to study the target markets and determine the expected market share.		X	X	X		
ILO4	Identify the objectives of the technical feasibility study, determine the appropriate size of the project and the size of its		X	X	X		

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Syrian Virtual University		الجامعة الافتراضية السورية

	<p>production capacity, determine the appropriate production method for the project, identify and choose the technical means and equipment required for the project, and identify how to determine the internal arrangement of the project and how to determine the project needs of production requirements and human resources.</p> <p>Understand how to estimate project construction costs, visualize the final form of the project, and understand how to determine the appropriate location of the project and how to estimate its costs.</p>						
ILO5	<p>Understand the significance of the financial feasibility study of projects and the meaning of project financing, and identify appropriate methods for financial feasibility study and financial evaluation of projects using different methods.</p>		X	X	X		
ILO6	<p>Identify the objectives of the economic and social feasibility study, and how to estimate the contribution of the project to the GDP, as well as to identify the criteria for evaluating economic and social feasibility.</p>		X	X	X		
ILO7	<p>Understand how to prepare and organize the final report of the feasibility study and how to make appropriate recommendations.</p>		X		X		

7- Practice Tools:

Tool Name	Description

8- Main References

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| 1- Overton., R., (2007), <u>Feasibility Studies Made Simple</u> , Martin Books Pty Ltd.
2- Pimac (2008), <u>General Guidelines for Preliminary Feasibility Studies</u> (fifth edition). |
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9- Additional References

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| 1- Zardk, A. Abd-Alraheem, Mohammad S. Basoni, (2011), Principles of Economic Feasibility Studies, Egypt, Banha University.
2- Other Articles for each chapter. |
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