



# Course Specification

— (Bachelor)

**Course Title:** : Feasibility study and evaluation of projects

**Course Code:** APEC 409

**Program:** Applied Economics

**Department:** Agricultural Economics

**College:** College of Food and Agricultural Sciences

**Institution:** King Saud University

**Version:** Course Specification Version Number

**Last Revision Date:** 21/1/2026



## Table of Contents

A. General information about the course .....	3
B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods .....	4
C. Course Content.....	5
D. Students Assessment Activities .....	5
E. Learning Resources and Facilities.....	5
F. Assessment of Course Quality.....	6
G. Specification Approval .....	6



## A. General information about the course:

### 1. Course Identification

1. Credit hours: ( 45 )

#### 2. Course type

A.  University  College  Department  Track  Others  
B.  Required  Elective

3. Level/year at which this course is offered: (8th)

#### 4. Course general Description:

The course includes an introduction to agricultural projects and their types, the relationship between projects and development plans, technical and economic feasibility studies for agricultural projects, in addition to the risks of agricultural projects.

5. Pre-requirements for this course (if any):

APEC 216

6. Co-requisites for this course (if any):

#### 7. Course Main Objective(s):

- **How to choose agricultural projects**
- **Knowing the basics of methods for preparing financial and economic feasibility studies**
- Training students to prepare feasibility studies

### 2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	45	100
2	E-learning		
3	Hybrid <ul style="list-style-type: none"> <li>• Traditional classroom</li> <li>• E-learning</li> </ul>		
4	Distance learning		





### 3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	30
2.	Laboratory/Studio	15
3.	Field	
4.	Tutorial	
5.	Others (specify)	
<b>Total</b>		<b>36</b>

### B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
<b>1.0</b>	<b>Knowledge and understanding</b>			
1.1	Define of economic importance for the feasibility studies for agricultural projects	<b>K1</b>	Lectures homework	Exams
1.2	Identify investment opportunities	<b>K4</b>	Lectures homework	Exams
1.3	Compare financial and economic evaluation for agricultural Projects	<b>K2</b>		
<b>2.0</b>	<b>Skills</b>			
2.1	Evaluate technical and financial feasibility Studies,	<b>S2</b>	Lectures Applications homework	Exams Report and
...				
<b>3.0</b>	<b>Values, autonomy, and responsibility</b>			
3.1				
3.2				





## C. Course Content

No	List of Topics	Contact Hours
1.	Definition of the project and its components and the relationship between him and another agricultural project	3
2. 3	Relationship between the projects and development plans.	3
3. 6	Characteristics of agricultural projects	3
4. 3	choose a project on the national level and at the level of the agricultural sector	3
5. 6	Technical feasibility study for agricultural projects	3
6. 6	Study the demand for products of the project	3
7. 3	The Present Values and the future values	3
8. 6	Methods of loan repayments	3
9. 3	The difference between the financial and Economic Evaluation	3
10.	Sensitivity Analysis for agricultural projects	3
11.	Risk and uncertainty for agricultural projects	3
		<b>45</b>

## D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Test 1	4th	20
2.	Test 2	8th	20
3.	Group Project	Weekly	20
4.	Final Exam	End of semester	40
...			

\*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.).

## E. Learning Resources and Facilities

### 1. References and Learning Resources

<b>Essential References</b>	Al-Thunayan, Abdullah Thunayan and Salem, Kamal Sultan Muhammad. Evaluation of agricultural projects (theories - foundations - applications), Tihama publishing and distribution, first edition, 1993. Attia, Abdel Qader Muhammad Abdel Qader. Commercial, economic and social feasibility studies with computer applications, Egyptian Universities House, Alexandria, 2010.
<b>Supportive References</b>	List Essential References Materials (Journals, Reports, etc.)





	Technical and Economic Feasibility Studies at the Agricultural Development Fund in Riyadh.  List Electronic Materials, Web Sites, Facebook, Twitter, etc. MS Excel
<b>Electronic Materials</b>	
<b>Other Learning Materials</b>	Other educational materials such as computer programs, software, and CD Excel

## 2. Required Facilities and equipment

Items	Resources
<b>facilities</b> (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	<b>Lecture hall (7 students)</b>
<b>Technology equipment</b> (projector, smart board, software)	
<b>Other equipment</b> (depending on the nature of the specialty)	

## F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching		
Effectiveness of Students assessment		
Quality of learning resources		
The extent to which CLOs have been achieved		
Other		

**Assessors** (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

**Assessment Methods** (Direct, Indirect)

## G. Specification Approval

<b>COUNCIL /COMMITTEE</b>	
<b>REFERENCE NO.</b>	
<b>DATE</b>	<b>21/1/2026</b>

