

## Course Description Form Farm Management

<b>Course Name:</b>
Farm Management
<b>Course Code</b>
FARM215
<b>Semester/Year</b>
Second / 2025
<b>Date of preparation of this description</b>
15 January 2025
<b>Available attendance forms</b>
In Person
<b>Number of Credit Hours (Total)/ Number of Units (total)</b>
5h /3.5unit
<b>Course administrator's name (if more than one name)</b>
Ass.Prof. Dr. Ali Ghidan Zidan Abdullah Mahmood
<b>Course Objectives</b>
<ul style="list-style-type: none"> <li>- General Principles in Farm Management and Administration</li> <li>-Decision, Decision Making, Types of Decisions</li> <li>- The farm and the stages of achieving the objectives</li> <li>-Factors influencing the selection of an agricultural business project, qualifications of successful management</li> <li>-Functions of agricultural management science, development of agricultural productive work</li> <li>- The farm as an economic unit costs and revenues of the agricultural production process</li> <li>- Profit Types Loss Types and Product Behavior</li> <li>- Economic principles used in farm management The principle of determining the best level of production</li> <li>- The principle of substitution and replacement</li> <li>Equi-marginal returns</li> <li>The Principle of Opportunity Costs The Principle of Comparative Advantage</li> <li>Farm Planning and Partial Farm Budget Use</li> <li>Farm Management Methods</li> <li>Farm Management in Conditions of Risk and Uncertainty</li> <li>Measurements of Economic Efficiency on the Farm</li> <li>Farm Records</li> </ul>
<b>Teaching and Learning Strategies</b>
<p>How to give lectures</p> <ol style="list-style-type: none"> <li>1- Brainstorming</li> <li>2- Thinking strategy according to the student's ability, for example ( if the student can learn the concept of applying the concept of agricultural economy on the farm, whether in terms of optimization of resources and production, as well as how to discharge production in detail.</li> <li>3- A critical thinking strategy in learning, a term that symbolizes the highest levels of thinking, aim to pose a problem and then analyse it logically to reach the desired solution.</li> </ol>
<b>Course Structure</b>

Week	Credits	Intended Learning Outcomes	Unit or Topic Name	Learning Method	Evaluation Method
1	2	General Principles in Farm Management and Administration	Farm Management	Explanation and presentation of the model and lecture	Quick and Monthly Exams, Class Activity and Reports
2	2	Decision, Decision Making, Types of Farm Decisions and Stages of Achieving Goals	Farm Management	Explanation and presentation of the model and lecture	Quick and Monthly Exams, Class Activity and Reports
3	2	Factors influencing the selection of an agricultural business project, qualifications of successful management	Farm Management	Explanation and presentation of the model and lecture	Quick and Monthly Exams, Class Activity and Reports
4	2	Functions of agricultural management science, development of agricultural productive work	Farm Management	Explanation and presentation of the model and lecture	Quick and Monthly Exams, Class Activity and Reports
5	2	The farm as an economic unit Costs and revenues of the agricultural production process	Farm Management	Explanation and presentation of the model and lecture	Quick and Monthly Exams, Class Activity and Reports
6	2	Profit Types Loss Types and Product Behavior	Farm Management	Explanation and presentation of the model and lecture	Quick and Monthly Exams, Class Activity and Reports
7	2	Economic principles used in farm management The principle of determining the best level of production -	Farm Management -	Explanation and presentation of the model and lecture	Quick and Monthly Exams, Class Activity and Reports
8	2	Principle of Substitution and Substitution	Farm Management	Explanation and presentation of the model and lecture	Quick and Monthly Exams, Class Activity and Reports
9	2	Equi-marginal returns	Farm Management	Explanation and presentation	Quick and Monthly Exams, Class Activity and Reports

				of the model and lecture	
10	2	The Principle of Opportunity Costs The Principle of Comparative Advantage	Farm Management	Explanation and presentation of the model and lecture	Quick and Monthly Exams, Class Activity and Reports
11	2	Farm Planning and Partial Farm Budget Use	Farm Management	Explanation and presentation of the model and lecture	Quick and Monthly Exams, Class Activity and Reports
12	2	Farm Management Methods	Farm Management	Explanation and presentation of the model and lecture	Quick and Monthly Exams, Class Activity and Reports
13	2	Farm Management in Conditions of Risk and Uncertainty	Farm Management	Explanation and presentation of the model and lecture	Quick and Monthly Exams, Class Activity and Reports
14	2	Economic efficiency	Farm Management	Explanation and presentation of the model and lecture	Quick and Monthly Exams, Class Activity and Reports

**Practical Part**

Week	Credits	Intended Learning Outcomes	Unit or Topic Name	Learning Method	Evaluation Method
1	3	Managing the elements of agricultural production	Farm Management	Explanation and presentation of the model and lecture	Quick and Monthly Exams, Class Activity and Reports
2	3	Land element management General economic concepts	Farm Management	Explanation and presentation of the model and lecture	Quick and Monthly Exams, Class Activity and Reports
3	3	Farm Establishment Necessary Maps	Farm Management	Explanation and presentation of the model and lecture	Quick and Monthly Exams, Class Activity and Reports

	4	3	Agricultural land:	Farm Management	Explanation and presentation of the model and lecture	Quick Exams, Class and Reports	Monthly Activity
	5	3	Methods of estimating the value of the farm	Farm Management	Explanation and presentation of the model and lecture	Quick Exams, Class and Reports	Monthly Activity
	6	3	Depreciation account for fixed assets	Farm Management	Explanation and presentation of the model and lecture	Quick Exams, Class and Reports	Monthly Activity
	7	3	The trade-off between owning and leasing agricultural land	Farm Management -	Explanation and presentation of the model and lecture	Quick Exams, Class and Reports	Monthly Activity
	8	3	Capital Element Management General Economic Concepts	Farm Management	Explanation and presentation of the model and lecture	Quick Exams, Class and Reports	Monthly Activity
	9	3	Farm capital and assets and the relationship between capital and labor	Farm Management	Explanation and presentation of the model and lecture	Quick Exams, Class and Reports	Monthly Activity
	10	3	Managing agricultural machinery as a model for capital management	Farm Management	Explanation and presentation of the model and lecture	Quick Exams, Class and Reports	Monthly Activity
	11	3	The trade-off between owning and renting agricultural machinery	Farm Management	Explanation and presentation of the model and lecture	Quick Exams, Class and Reports	Monthly Activity
	12	3	Work item management and general concepts	Farm Management	Explanation and presentation of the model and lecture	Quick Exams, Class and Reports	Monthly Activity

	13	3	Description of agricultural work Types of agricultural work	Farm Management	Explanation and presentation of the model and lecture	Quick Exams, Class and Reports	Monthly Activity
	14	3	Farm Work Timing, Farm Work System, Farm Work Productivity	Farm Management	Explanation and presentation of the model and lecture	Quick Exams, Class and Reports	Monthly Activity
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#### Course Evaluation

- Quick daily exams ( kozat) .
  - Monthly exams ( two or more).
  - Evaluating the class activity of the students .
- Evaluating the laboratory activities of students
- Assessments on writing scientific reports and homework .

#### Learning and Teaching Resources;

Required textbooks ( methodology if any )

Al-Samarrai , Hashem Alwan. 1984. Farm business management  
University of Baghdad Iraq.

Key References (Sources)

1-Arhouma and Shallouf, Ali Ahmed and Faisal. 1998.Fundamentals of Farm Management.Omar Al-Mukhtar University

1- Al-Ruwais , Khaled. 2009. Management of agricultural facilities. King Saud University Faculty of Food Science and Agriculture .Agricultural economics.213

Recent articles from the Internet, specialized scientific journals, the Journal of Agricultural Sciences - Iraq and the Virtual Library.

Recommended supporting books and references (scientific journals, reports)

Iraqi academic scientific journals

E-References, Websites