

# FARM MANAGEMENT AND PLANNING

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| 1    | Course Title:  | FARM MANAGEMENT AND PLANNING  |
| 2    | Course Code:   | TEK4733-Z   |
| 3    | Type of Course:  | Compulsory  |
| 4    | Level of Course:   | First Cycle   |
| 5    | Year of Study:   | 4   |
| 6    | Semester:  | 7   |
| 7    | ECTS Credits Allocated:                                      | 3.00  |
| 8    | Theoretical (hour/week):                                     | 1.00  |
| 9    | Practice (hour/week):  | 2.00  |
| 10   | Laboratory (hour/week):                                      | 0   |
| 11   | Prerequisites:   | None  |
| 12   | Language:  | Turkish   |
| 13   | Mode of Delivery:  | Face to face  |
| 14   | Course Coordinator:  | Doç.Dr. Tolga Tipi  |
| 15   | Course Lecturers:  |   |
| 16   | Contact information of the Course Coordinator:               | ttipi@uludag.edu.tr, Tel:0 (224) 2941590<br>U.Ü. Ziraat Fakültesi Tarım Ekonomisi Bölümü Görükle/Bursa                              |
| 17   | Website:   |   |
| 18   | Objective of the Course:                                     | The objective of this course is to enable the students to learn evaluation of farm business success and main farm planning methods. |
| 19   | Contribution of the Course to Professional Development:      |   |
| 20   | Learning Outcomes:   |   |
|      | 1  | To understand main business principles  |
|      | 2  | To examine structural differences of farms  |
|      | 3  | To collect data for planning and farm business analysis   |
|      | 4  | To explain farm business success  |
|      | 5  | To determine cost and revenue of production branches  |
|      | 6  | To make decision on efficient resource use  |
|      | 7  | To guide rational input use and production pattern to farmers   |
|      | 8  | To comment relations between structural charecteristics, farm business and production pattern                                       |
|      | 9  |   |
|      | 10   |   |
| 21   | Course Content:  |   |
|      | <b>Course Content:</b>                                       |   |
| Week | Theoretical  | Practice  |
| 1    | Farm management, classification and characteristics of farms | Reading and Literature searching  |
| 2    | Objectives of farm analysis and collecting the data          | Reading and Literature searching  |
| 3    | Criteria used for farm analysis                              | Reading and Literature searching  |

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|----|---|-----------------------------------|
| 4  | Farm business results and measurement of success                                    | Problem solving                   |
| 5  | Definition of farm planning, scope and the data used for planning                   | Problem solving                   |
| 6  | Basic concepts in farm planning and practices                                       | Problem solving                   |
| 7  | Budgeting Method and planning practices   | Problem solving                   |
| 8  | Course review and midterm exam  | Solving the exam questions        |
| 9  | Program planning and practices  | Problem solving                   |
| 10 | Linear programming; basic concepts and assumptions                                  | Problem solving                   |
| 11 | Linear programming; profit maximization, graphic solution, interpreting the results | Problem solving                   |
| 12 | Linear programming; model construction, simplex solution                            | Problem solving                   |
| 13 | Interpreting the simplex solution results, sensitivity analysis                     | Problem solving                   |
| 14 | Cost minimization Practice  | Problem solving and practice exam |

| Activities   | Number | Duration (hour) | Total Work Load (hour) |
|--|--------|-----------------|------------------------|
| Theoretical  | 14     | 1.00            | 14.00                  |
| Practicals/Labs                                    | 14     | 2.00            | 28.00                  |
| TERM LEARNING ACTIVITIES                           |        | 2.00            | 28.00                  |
| Homeworks  | 1      | 5.00            | 5.00                   |
| Projects   | 0      | 0.00            | 0.00                   |
| Quiz   | 0      | 0.00            | 0.00                   |
| Field Studies                                      | 0      | 0.00            | 0.00                   |
| Home work project                                  | 1      | 5.00            | 5.00                   |
| Midterm exams                                      | 1      | 60.00           | 60.00                  |
| Final Exam   | 1      | 60.00           | 60.00                  |
| Others   | 0      | 0.00            | 0.00                   |
| Total  | 0      | 100.00          | 100.00                 |
| Final Exams  | 1      | 7.00            | 7.00                   |
| Contribution of Term (Year) Learning Activities to | 40.00  |                 |                        |
| Total Work Load                                    |        |                 | 87.00                  |
|  |        |                 |                        |
| Total work load/ 30 hr                             |        |                 | 2.90                   |
| Contribution of Final Exam to Success Grade        | 60.00  |                 |                        |
| ECTS Credit of the Course                          |        |                 | 3.00                   |

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|----|------------------------|
| 24 | ECTS / WORK LOAD TABLE |
|----|------------------------|

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|---|------------|---|---|-------|---|---|----------|---|---|--------|---|---|-------------|---|---|---|
| ÖK3   | 0          | 0 | 3 | 5     | 5 | 5 | 0        | 0 | 0 | 0      | 0 | 0 | 0           | 0 | 0 | 0 |
| ÖK4   | 0          | 0 | 0 | 4     | 5 | 5 | 0        | 0 | 0 | 0      | 0 | 0 | 0           | 0 | 0 | 0 |
| ÖK5   | 0          | 0 | 0 | 0     | 5 | 5 | 0        | 0 | 0 | 0      | 0 | 0 | 0           | 0 | 0 | 0 |
| ÖK6   | 0          | 0 | 0 | 5     | 5 | 5 | 0        | 0 | 0 | 0      | 0 | 0 | 0           | 0 | 0 | 0 |
| ÖK7   | 0          | 0 | 0 | 0     | 5 | 5 | 0        | 0 | 0 | 0      | 0 | 0 | 0           | 0 | 0 | 0 |
| ÖK8   | 0          | 0 | 0 | 0     | 4 | 5 | 0        | 0 | 0 | 0      | 0 | 0 | 0           | 0 | 0 | 0 |
| LO: Learning Objectives    PQ: Program Qualifications |            |   |   |       |   |   |          |   |   |        |   |   |             |   |   |   |
| Contribution Level:                                   | 1 very low |   |   | 2 low |   |   | 3 Medium |   |   | 4 High |   |   | 5 Very High |   |   |   |