# AYDIN ADNAN MENDERES UNIVERSITY
# COURSE INFORMATION FORM

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|---|---|---|---|---|---|---|---|---|---|
| Course Title | Farm Management | | | | | | | | |
| Course Code | TB315 | | Couse Level | First Cycle (Bachelor's Degree) | | | | | |
| ECTS Credit | 5 | Workload | 125 *(Hours)* | Theory | 2 | Practice | 2 | Laboratory | 0 |
| Objectives of the Course | It is aimed that provide effective farm management by planning crop rotation, agricultural practices and techniques and increase crop productivity. | | | | | | | | |
| Course Content | Increasing crop production due to crop rotation system, preserve soil fertility, ensure effective farm management by using efficient agricultural methods | | | | | | | | |
| Work Placement | N/A | | | | | | | | |
| Planned Learning Activities and Teaching Methods | Explanation (Presentation), Demonstration, Problem Solving | | | | | | | | |
| Name of Lecturer(s) | | | | | | | | | |

| Assessment Methods and Criteria | | |
|---|---|---|
| Method | Quantity | Percentage (%) |
| Midterm Examination | 1 | 40 |
| Final Examination | 1 | 70 |

| Recommended or Required Reading | |
|---|---|
| 1 | Sustainable Agriculture, Second Edition, J. Mason, 2003, 209 p |
| 2 | Ökologischer Landbau, Grundwissen für die Praxis, Herrmann a. Plakolm, 1991, 428 p. |
| 3 | Çiftlik yönetimi konusunda yapılmış yabancı dilde yayınlar |

| Week | Weekly Detailed Course Contents | |
|---|---|---|
| 1 | Theoretical | Describing crop rotation |
| | Practice | literature review |
| 2 | Theoretical | Points to be considered about crop rotation |
| | Practice | literature review |
| 3 | Theoretical | Crop rotation practices in farm management |
| | Practice | survey in the research and application farm |
| 4 | Theoretical | Fertilization in farm management |
| | Practice | survey in the research and application farm |
| 5 | Theoretical | İrrigation and irrigation techniques in farm management |
| | Practice | survey in the research and application farm |
| 6 | Theoretical | Plant pest in farm management |
| | Practice | presentation of instrument equipment |
| 7 | Theoretical | Soil fertility in farm management |
| | Practice | presentation of instrument equipment |
| 8 | Theoretical | Midterm exam |
| 9 | Theoretical | Second crop production in farm management |
| | Practice | introduction in field experiments |
| 10 | Theoretical | Production and planning in farm management |
| | Practice | introduction in field experiments |
| 11 | Theoretical | Forage crops cultivation in farm management |
| | Practice | literature review |
| 12 | Theoretical | Forage crop assesment in farm management |
| | Practice | literature review |
| 13 | Theoretical | Crops and animal feeding relationships |
| | Practice | survey in the research and application farm |
| 14 | Theoretical | Issues that need attention in farm management |
| | Practice | survey in the research and application farm |

| | | |
|---|---|---|
| 15 | Practice | survey in the research and application farm |
| | Final Exam | Final exam |

| Workload Calculation | | | | |
|---|---|---|---|---|
| Activity | Quantity | Preparation | Duration | Total Workload |
| Lecture - Theory | 14 | 1 | 2 | 42 |
| Lecture - Practice | 14 | 1 | 1 | 28 |
| Midterm Examination | 1 | 18 | 2 | 20 |
| Final Examination | 1 | 33 | 2 | 35 |
| | | | Total Workload (Hours) | 125 |
| | | | [Total Workload (Hours) / 25*] = **ECTS** | 5 |
| **25 hour workload is accepted as 1 ECTS* | | | | |

| Learning Outcomes | |
|---|---|
| 1 | Crop production planning due to crop rotation |
| 2 | Fertilization techniques of field crops |
| 3 | Irrigation and soil tillage techniques of field crops |
| 4 | Planning and coordination in farm management |
| 5 | Assesment of plant products and storage conditions |