



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

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|--|---|--|---------------------|--|---|----------------------------------|---|------------|---|
| Course Title | | Pest Control in Organic Farming | | | | | | | |
| Course Code | | OT220 | | Couese Level | | Short Cycle (Associate's Degree) | | | |
| ECTS Credit | 3 | Workload | 81 (<i>Hours</i>) | Theory | 2 | Practice | 2 | Laboratory | 0 |
| Objectives of the Course | | This course aims to educate that importation and principles of organic agriculture, law of organic agriculture, problem of pests in organic agriculture and control methods of pests. | | | | | | | |
| Course Content | | The importance and principles of organic agriculture. Law of organic agriculture. The pests in organic agriculture and control methods of pests. Proposed methods to control of diseases in organic agriculture. | | | | | | | |
| Work Placement | | N/A | | | | | | | |
| Planned Learning Activities and Teaching Methods | | | | Explanation (Presentation), Discussion, Case Study | | | | | |
| Name of Lecturer(s) | | | | | | | | | |

Assessment Methods and Criteria

| Method | Quantity | Percentage (%) |
|---------------------|----------|----------------|
| Midterm Examination | 1 | 40 |
| Final Examination | 1 | 70 |

Recommended or Required Reading

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| 1 | Protection Technical Instructions in Department of Agriculture Plant |
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| Week | Weekly Detailed Course Contents | |
|------|---------------------------------|--|
| 1 | Theoretical | Definition and law of organic agriculture |
| | Practice | Field Work |
| 2 | Theoretical | Status of organic farming in the world and in Turkey |
| | Practice | Field Work |
| 3 | Theoretical | Nematodes which make problem in organic farming |
| | Practice | Field Work |
| 4 | Theoretical | The worms and snails, slugs which make problem in organic farming, |
| | Practice | Field Work |
| 5 | Theoretical | Mites which make problem in organic agriculture |
| | Practice | Field Work |
| 6 | Theoretical | Insects which make problem in organic farming |
| | Practice | Field Work |
| 7 | Theoretical | Insects which make problem in organic farming |
| | Practice | Field Work |
| 8 | Intermediate Exam | Midterm exam |
| 9 | Theoretical | Insects which make problem in organic farming |
| | Practice | Field Work |
| 10 | Theoretical | Insects which make problem in organic farming |
| | Practice | Field Work |
| 11 | Theoretical | Cultural practices for pest control in organic farming |
| | Practice | Field Work |
| 12 | Theoretical | The quarantine pest control in organic farming |
| | Practice | Field Work |
| 13 | Theoretical | The mechanic, physical and biotechnic methods in pest control in organic agriculture |
| | Practice | Field Work |
| 14 | Theoretical | Biological control in organic farming |
| | Practice | Field Work |
| 15 | Theoretical | Chemical control in organic farming |
| | Practice | Field Work |



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|----|------------|------------|
| 16 | Final Exam | Final exam |
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Workload Calculation

| Activity | Quantity | Preparation | Duration | Total Workload |
|---------------------------------------|----------|-------------|----------|----------------|
| Lecture - Theory | 2 | 10 | 14 | 48 |
| Midterm Examination | 1 | 15 | 1 | 16 |
| Final Examination | 1 | 16 | 1 | 17 |
| Total Workload (Hours) | | | | 81 |
| [Total Workload (Hours) / 25*] = ECTS | | | | 3 |

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

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| 1 | Comprehend the importance of pests in crop production |
| 2 | Distinguish between damaged and healthy plants and recognize the signs of damage |
| 3 | Identify pests that damage plants |
| 4 | Knows the potential of organic agriculture in our country. |
| 5 | Comprehend the principles of pest management in organic farming |

Programme Outcomes (Organic Agriculture)

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|----|---|
| 1 | To have university life, to use computer technology and to have skills for raising of scientific data |
| 2 | To produce according to organic agriculture rules |
| 3 | To know and apply starter to organic agriculture, and to get product certification |
| 4 | To know genetic for organic vegetable and animal species |
| 5 | To know and apply organic production principle and regulations and protection of environment |
| 6 | Understand and apply production techniques for organic vegetable and animal |
| 7 | To understand control methods for diseases and pests in organic agriculture |
| 8 | Having knowledge of quality control, preserving and marketing of organic products |
| 9 | To having knowledge equipments and methods for new agricultural technologies |
| 10 | To have knowledge of professional ethics and responsibility |
| 11 | Ability to work in team and individual |
| 12 | To communicate orally and in writing |
| 13 | To have adopt life-long learning importance and to have follow professional developments |

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

| | L1 | L2 | L3 | L4 | L5 |
|-----|----|----|----|----|----|
| P2 | 4 | | 4 | 5 | |
| P3 | | | | 5 | |
| P5 | 4 | 4 | | 5 | 4 |
| P6 | | | | 5 | 4 |
| P7 | 5 | 5 | 5 | | 5 |
| P8 | | | | 4 | |
| P9 | | | | 4 | |
| P13 | | | | 4 | |

