



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

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|--|---|--|----------------------|---|---|--------------------------------|---|------------|---|
| Course Title | | Seminar | | | | | | | |
| Course Code | | ZTM701 | | Course Level | | Second Cycle (Master's Degree) | | | |
| ECTS Credit | 6 | Workload | 146 (<i>Hours</i>) | Theory | 0 | Practice | 2 | Laboratory | 0 |
| Objectives of the Course | | The purpose of this course is to provide students to gather information about a specific topic making a literature review , put into a report form synthesizing the information gathered and present.. | | | | | | | |
| Course Content | | In the second half of graduate education, it includes literature review, data collection, compilation, analysis, reporting and presenting the results about the subject the student wishes to study under the supervision of the academic advisor. | | | | | | | |
| Work Placement | | N/A | | | | | | | |
| Planned Learning Activities and Teaching Methods | | | | Demonstration, Discussion, Individual Study | | | | | |
| Name of Lecturer(s) | | Prof. Cengiz ÖZARSLAN, Prof. İbrahim YALÇIN | | | | | | | |

Assessment Methods and Criteria

| Method | Quantity | Percentage (%) |
|---------|----------|----------------|
| Seminar | 1 | 100 |

Recommended or Required Reading

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| 1 | Books and articles about the seminar topic. |
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| Week | Weekly Detailed Course Contents | |
|------|---------------------------------|--------------------------------|
| 1 | Theoretical | Determination of seminar topic |
| 2 | Theoretical | Review of the literature |
| 3 | Theoretical | Review of the literature |
| 4 | Theoretical | Review of the literature |
| 5 | Theoretical | data collection |
| 6 | Theoretical | data collection |
| 7 | Theoretical | data collection |
| 8 | Theoretical | data collection |
| 9 | Theoretical | data analysis |
| 10 | Theoretical | data analysis |
| 11 | Theoretical | data analysis |
| 12 | Theoretical | data analysis |
| 13 | Theoretical | preparation of the report |
| 14 | Theoretical | preparation of the report |
| 15 | Theoretical | preparation of the report |
| 16 | Final Exam | final exam (presentation) |

Workload Calculation

| Activity | Quantity | Preparation | Duration | Total Workload |
|---------------------------------------|----------|-------------|----------|----------------|
| Lecture - Practice | 14 | 0 | 2 | 28 |
| Assignment | 1 | 0 | 2 | 2 |
| Reading | 14 | 0 | 6 | 84 |
| Midterm Examination | 1 | 12 | 2 | 14 |
| Final Examination | 1 | 16 | 2 | 18 |
| Total Workload (Hours) | | | | 146 |
| [Total Workload (Hours) / 25*] = ECTS | | | | 6 |

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

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| 1 | To be able to conduct a detailed literature on a given topic. |
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| 2 | To be able to synthesize, analyze and interpret the information collected. |
| 3 | To be able to make up a scientific report using the conclusions. |
| 4 | To be able to present the results reached in front of the community |
| 5 | To be able to present the results reached in front of the community |

Programme Outcomes (Agricultural Machinery Master)

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| 1 | Identification, formulation and solving the problems in the field of Agricultural Machinery |
| 2 | The ability to use modern engineering tools and techniques |
| 3 | The ability to use the information, which is obtained by following the scientific and technological developments, in the academic life and practice. |
| 4 | The ability to evaluate multi-faced relationship between them by understanding interaction among agricultural technology, soil, plants and animals |
| 5 | Professionalism and ethical responsibility |
| 6 | The ability to work in disciplinary and multi-disciplinary teams |
| 7 | The ability to communicate effectively |
| 8 | The ability to do research for accessing information and to use data base and other resources |
| 9 | The ability to do analyze and interpret the experimental results and the design of experiment |
| 10 | The ability to identify and interpret knowledge of current professional issues and events |
| 11 | The ability to get aware the universal and social effects of engineering solutions and applications |
| 12 | Accordance with the requirements of science and technology, ability to use scientific knowledge creative |

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

| | L1 | L2 | L3 | L4 |
|-----|----|----|----|----|
| P1 | 4 | | | |
| P2 | | | 4 | |
| P3 | 4 | | | |
| P5 | | | | 4 |
| P6 | | 4 | | |
| P9 | | | 4 | |
| P10 | 4 | | | |
| P11 | | 4 | | |
| P12 | 5 | 5 | 5 | 5 |

