



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

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|--|---|---|------------|----------------------------|---|--------------------------------|---|------------|---|
| Course Title | | Economics of Occupational Health and Security II | | | | | | | |
| Course Code | | OHS539 | | Course Level | | Second Cycle (Master's Degree) | | | |
| ECTS Credit | 3 | Workload | 75 (Hours) | Theory | 3 | Practice | 0 | Laboratory | 0 |
| Objectives of the Course | | To be able to define the economic aspects of occupational health and safety | | | | | | | |
| Course Content | | To be able to define the economic aspects of occupational health and safety | | | | | | | |
| Work Placement | | N/A | | | | | | | |
| Planned Learning Activities and Teaching Methods | | | | Explanation (Presentation) | | | | | |
| Name of Lecturer(s) | | | | | | | | | |

Assessment Methods and Criteria

| Method | Quantity | Percentage (%) |
|---------------------|----------|----------------|
| Midterm Examination | 1 | 40 |
| Final Examination | 1 | 60 |

Recommended or Required Reading

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| 1 | İş Sağlığı ve Güvenliği-Nazmi Bilir |
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| Week | Weekly Detailed Course Contents | |
|------|---------------------------------|---|
| 1 | Theoretical | Introduction of the course |
| 2 | Theoretical | General framework of Occupational Health and Safety |
| 3 | Theoretical | Ergonomics in Occupational Health |
| 4 | Theoretical | Social Dimensions of Occupational Health and Safety |
| 5 | Theoretical | Social Dimensions of Occupational Health and Safety |
| 6 | Theoretical | İşçi Sağlığı ve İş Güvenliğinin Ekonomik Boyutu |
| 7 | Theoretical | Economic Dimensions of Occupational Health and Safety |
| 8 | Intermediate Exam | Mid-term exam |
| 9 | Theoretical | Economic Dimensions of Occupational Health and Safety |
| 10 | Theoretical | Occupational Health and Safety in the European Union |
| 11 | Theoretical | Occupational Health and Safety in the European Union |
| 12 | Theoretical | Country review |
| 13 | Theoretical | Country review |
| 14 | Theoretical | Final exam |

Workload Calculation

| Activity | Quantity | Preparation | Duration | Total Workload |
|---------------------------------------|----------|-------------|----------|----------------|
| Lecture - Theory | 14 | 0 | 3 | 42 |
| Reading | 1 | 8 | 0 | 8 |
| Midterm Examination | 1 | 10 | 0 | 10 |
| Final Examination | 1 | 15 | 0 | 15 |
| Total Workload (Hours) | | | | 75 |
| [Total Workload (Hours) / 25*] = ECTS | | | | 3 |

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

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| 1 | Learn the general framework of occupational health and safety |
| 2 | Recognize the concept of ergonomics |
| 3 | Learns the social dimension of occupational health |
| 4 | Learn the economic dimension of occupational health |



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| 5 | Learns European Union applications |
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Programme Outcomes (*Occupational Safety and Health Interdisciplinary Master's Without Thesis*)

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| 1 | Sufficient knowledge accumulation in Mathematics, Physical Sciences and Occupational Health and Safety topics; the ability to implement theoretical and practical knowledge in these fields in order to solve and model Occupational Health and Safety problems. |
| 2 | The ability to detect, to identify, to formulate and to solve complicated problems in Occupational Health and Safety and related fields by choosing and implementing appropriate analysis methods. |
| 4 | The ability to improve, to choose, to use modern and technical tools required for Occupational Health and Safety applications and the ability to benefit from information technologies effectively. |
| 5 | The ability to design experiments so as to inspect Occupational Health and Safety problems, to carry out experiments, to gather data, to analyse results and to comment on results. |
| 11 | Information about effects of Occupational Health and Safety applications on health, environment and safety in universal and social extend; awareness about national and international legislative regulations and standards, awareness about legal conclusions of Occupational Health and Safety solutions. |

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

| | L1 | L2 | L3 | L4 | L5 |
|-----|----|----|----|----|----|
| P1 | 4 | 4 | 5 | 4 | 4 |
| P2 | 5 | 4 | 4 | 4 | 5 |
| P4 | 4 | 4 | 5 | 5 | 5 |
| P5 | 5 | 4 | 4 | 5 | 4 |
| P11 | 4 | 4 | 4 | 5 | 4 |

