

OCCUPATIONAL HEALTH AND SAFETY II

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| 1 | Course Title: | OCCUPATIONAL HEALTH AND SAFETY II |
| 2 | Course Code: | ISG202 |
| 3 | Type of Course: | Compulsory |
| 4 | Level of Course: | First Cycle |
| 5 | Year of Study: | 2 |
| 6 | Semester: | 4 |
| 7 | ECTS Credits Allocated: | 2.00 |
| 8 | Theoretical (hour/week): | 2.00 |
| 9 | Practice (hour/week): | 0.00 |
| 10 | Laboratory (hour/week): | 0 |
| 11 | Prerequisites: | |
| 12 | Language: | Turkish |
| 13 | Mode of Delivery: | Face to face |
| 14 | Course Coordinator: | Dr. Öğr. Üyesi Nihan ÖZENGİN |
| 15 | Course Lecturers: | Dr. Nihan ÖZENGİN |
| 16 | Contact information of the Course Coordinator: | nozengin@uludag.edu.tr |
| 17 | Website: | |
| 18 | Objective of the Course: | To teach occupational health and safety coverage, necessity and necessity, to compulsory and necessary applications within the scope of legal legislation, to determine hazard factors and how to implement possible measures to be taken. |
| 19 | Contribution of the Course to Professional Development: | Basic knowledge about occupational health and safety is gained. |
| 20 | Learning Outcomes: | |
| | 1 | Have the general information about OHS |
| | 2 | Have the ability to understand existing knowledge and latest developments about OHS |
| | 3 | To be able to adapt developing business world and take responsibility in OHS organizations. |
| | 4 | Have an information about OHS regulations and standarts. |
| | 5 | Have an information about workplace risks and risk management |
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| 21 | Course Content: | |
| | Course Content: | |
| Week | Theoretical | Practice |
| 1 | Risk Management and Evaluation, Risk Management and General Management, Hazard and Risk Concepts, Risk Sources and Risks, Risk Assessment as a Part of Risk Management, Basic Principles of Risk Assessment | |

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| 2 | Risk Assessment, Control, Measurement and Research, Risk Assessment Stages, Risk Control Stages, Risk Assessment Team and Employee Participation, Risk Mitigation Methods | | | |
| 3 | Risk Assessment Methods, Qualitative Methods, Quantitative Methods, Fine-Kinney Method, L Type Matrix, X Type Matrix, Fta, Eta, Cca, Fmea, Jsa, Hazop, Pra, Pha | | | |
| 4 | Occupational Health and Safety in Working with Tools with Screen, Risks and Safeguards in Working with Tools with Screen, Correct Seating, Protection of Eyes, Eyes During Working Shortly, Resting Habit, Interrupted Rests and Exercises | | | |
| 5 | Ergonomics, Lesson Work Ergonomic Work Place Arrangement And Cautions, Office Ergonomics, Cognitive Ergonomics, Physical Ergonomics, Administrative Ergonomics, Anthropometry And Working Environment Design | | | |
| 6 | Psychosocial Risk Factors, Stress, Factors Causing Stress, Stress Stages, Stress Protection Methods, Effects of Work Stress on Health, Long Term Effects of Stress, Psychological Harassment (Mobbing) and Coping Methods | | | |
| 7 | Risk Communication, Risk Perception, Informing Employees, Taking Employees | | | |
| Activites | | Number | Duration (hour) | Total Work Load (hour) |
| Theoretical | 1. Biological Factors, List of Biological Factors, Business Hygiene | 14 | 2.00 | 28.00 |
| Practicals/Labs | | 0 | 0.00 | 0.00 |
| Self study | 2. Pressure Regulation, Thermal Comfort | 14 | 2.00 | 28.00 |
| Homeworks | | 0 | 0.00 | 0.00 |
| Projects | Non-ionized Rays | 0 | 0.00 | 0.00 |
| Field Studies | | 0 | 0.00 | 0.00 |
| Midterm exams | Methods, Protection Methods, Carcinogenic and Mutagenic Materials, Hazardous Area | 1 | 2.00 | 2.00 |
| Others | | 0 | 0.00 | 0.00 |
| Final Exams | 11. Fire and Protection Methods, Safety in Fire, Classification and Extinguishing of Fire. | 1 | 2.00 | 2.00 |
| Total Work Load | | | | 60.00 |
| Total work load/ 30 hr | Emergency Plans and Transfer to Employees. Measures and Exercises. First | | | 2.00 |
| ECTS Credit of the Course | | | | 2.00 |
| Communication | | | | |
| 12 | Occupational Health and Safety at University, Hazards in Classrooms, Hazards in Cafeteria and Cantiles, Psychosocial Hazards Biological Hazards, Chemical Hazards, Electrical Hazards | | | |
| 13 | Risk Assessment | | | |
| 14 | Risk Assessment Practices | | | |

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| 22 | Textbooks, References and/or Other Materials: | 1. Occupational Health and Safety Regulation (in Turkish), 2. TS 18001(OHSAS) Standard (in Turkish) 3. The Ministry of Labor Regulations (in Turkish) 4. Prof Dr. M. Talha Gönüllü, "Industrial Pollution Control", Volume 1, Birsen Publishing House, 2004 (in Turkish) 5. Mehmet Bayır, Mümin Ergül, "Occupational Safety and Risk Assessment Applications", Alfa Aktüel Publications (in Turkish). |
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| 23 | Assesment |
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| TERM LEARNING ACTIVITIES | NUMBER | WEIGHT |
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| Midterm Exam | 1 | 40.00 |
| Quiz | 0 | 0.00 |
| Home work-project | 0 | 0.00 |
| Final Exam | 1 | 60.00 |
| Total | 2 | 100.00 |
| Contribution of Term (Year) Learning Activities to Success Grade | | 40.00 |
| Contribution of Final Exam to Success Grade | | 60.00 |
| Total | | 100.00 |
| Measurement and Evaluation Techniques Used in the Course | Translation results Midterm and final exams are applied in this course. | |

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| 24 | ECTS / WORK LOAD TABLE |
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| 25 | CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS |
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| | PQ1 | PQ2 | PQ3 | PQ4 | PQ5 | PQ6 | PQ7 | PQ8 | PQ9 | PQ10 | PQ11 | PQ12 | PQ13 | PQ14 | PQ15 | PQ16 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|
| ÖK1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ÖK2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ÖK3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 4 | 0 | 0 | 0 | 0 |
| ÖK4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 3 | 0 | 0 | 0 | 0 |
| ÖK5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |

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| LO: Learning Objectives PQ: Program Qualifications | | | | | | | | | | | | | | | | |
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| Contribution Level: | 1 very low | 2 low | 3 Medium | 4 High | 5 Very High |
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