

Department of Electricity and Energy / Department of Electricity and Energy /

Course Code	Course Name	Teoretical	Practice	Laboratory	Credits	ECTS
İSG101	OCCUPATIONAL HEALTH AND SAFETY	3.00	0.00	0.00	3.00	3.00
Course Detail						
Course Language	: Turkish					
Qualification Degree	: PreBachelor					
Course Type	: Compulsory					
Preconditions	: Not					
Objectives of the Course	: To create a healthy and safe working environment, To protect workers from work accidents and occupational diseases.					
Course Contents	: Historical development, Occupational health and safety legally, Accidents at work and occupational diseases, Safety methods, Work security organization, Risk analysis, Chemical risk factors, Physical risk factors, Fire and electrical risk factors, Work safety in pressurized containers, Personal protective equipment. Safety precautions in the workplace, Business aid applications, Sectorspecific, in terms of occupational health and safety legislation in workplaces needs to be done first. Controls, and legal documents that needs to be regulated, Material Safety Data Sheets.					
Recommended or Required Reading	: dizüstü bilgisayar, projeksiyon cihazı, İş Sağlığı ve Güvenliği (Mustafa Altın& Şakir Taşdemir)					
Course Instructors	: Öğr. Gör. Ensar Koşatepe					
Presentation Of Course	: formal					
Update Date	: 9/7/2025 7:58:10 PM					
Dosya İndirilme Tarihi	: 9/11/2025					

Course Outcomes

Upon the completion of this course a student :

- 1 Defines occupational hygiene and cleanliness
- 2 Classifies hazards that threaten health
- 3 Knows hazard-preventive control methods
- 4 Knows occupational accidents and hazards
- 5 knows the risk factors
- 6 Knows occupational diseases and work-related illnesses
- 7 Knows the rights and obligations regarding occupational health and safety in Türkiye
- 8 Knows occupational health and safety practices from the worker's perspective

Preconditions

Course Code	Course Name	Teoretical	Practice	Laboratory	Credits	ECTS

Weekly Contents

	Teorical	Practice	Laboratory	Preparation Info	Teaching Methods	Course Learning Outcomes
1. Week	*Development of Occupational Health and Safety Concepts and Rules			*Internet videos, textbook, and lecture notes	*Explanation, Q&A	Ö.C.7
2. Week	*Labor Law			*Internet videos, textbook, and lecture notes	*Explanation, Q&A	Ö.C.7
3. Week	*Physical Risk Factors			*Internet videos, textbook, and lecture notes	*Explanation, Q&A	Ö.C.2 Ö.C.5
4. Week	*Chemical Risk Factors			*Internet videos, textbook, and lecture notes	*Explanation, Q&A	Ö.C.2 Ö.C.5
5. Week	*Biological Risk Factors			*Internet videos, textbook, and lecture notes	*Explanation, Q&A	Ö.C.2 Ö.C.5
6. Week	*OHS in Construction and Mining Workplaces			*Internet videos, textbook, and lecture notes	*Explanation, Q&A	Ö.C.4 Ö.C.5 Ö.C.6
7. Week	*Occupational Diseases			*Internet videos, textbook, and lecture notes	*Explanation, Q&A	Ö.C.6
8. Week	*Midterm Exam					Ö.C.1 Ö.C.2 Ö.C.3 Ö.C.4 Ö.C.5 Ö.C.6
9. Week	*Ergonomics			*Internet videos, textbook, and lecture notes	*Explanation, Q&A	Ö.C.2 Ö.C.7 Ö.C.8
10. Week	*Emergency Plans			*Internet videos, textbook, and lecture notes	*Explanation, Q&A	Ö.C.7 Ö.C.8
11. Week	*Occupational Accidents			*Internet videos, textbook, and lecture notes	*Explanation, Q&A	Ö.C.4 Ö.C.7 Ö.C.8
12. Week	*Workplace Environment Monitoring			*Internet videos, textbook, and lecture notes	*Explanation, Q&A	Ö.C.2 Ö.C.5 Ö.C.6
13. Week	*OHS in Electrical Works			*Internet videos, textbook, and lecture notes	*Explanation, Q&A	Ö.C.3 Ö.C.4 Ö.C.5
14. Week	*Personal Protective Equipment			*Internet videos, textbook, and lecture notes	*Explanation, Q&A	Ö.C.2 Ö.C.3 Ö.C.4
15. Week	*Risk Assessment program knows			*Internet videos, textbook, and lecture notes	*Explanation, Q&A	Ö.C.8

Assesment Methods %

2 Final : 60.00

3 Mze : 40.00

ECTS Workload

Activities	Count	Time(Hour)	Sum of Workload
Vize	1	1.00	1.00
Final	1	1.00	1.00
Derse Katılım	14	1.00	14.00
Ders Sonrası Bireysel Çalışma	5	1.00	5.00
Ders Öncesi Bireysel Çalışma	5	1.00	5.00
Final Sınavı Hazırlık	1	4.00	4.00
Ara Sınav Hazırlık	1	3.00	3.00
Teorik Ders Anlatım	14	3.00	42.00
Total : 75.00			
Sum of Workload / 30 (Hour) : 2			
ECTS : 3.00			

Program And Outcome Relation

	P.O. 1	P.O. 2	P.O. 3	P.O. 4	P.O. 5	P.O. 6	P.O. 7	P.O. 8	P.O. 9	P.O. 10	P.O. 11	P.O. 12	P.O. 13	P.O. 14	P.O. 15	P.O. 16	P.O. 17	P.O. 18	P.O. 19	P.O. 20
L.O. 1	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L.O. 2	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L.O. 3	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L.O. 4	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L.O. 5	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L.O. 6	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L.O. 7	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L.O. 8	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average	0	0	0	0	5.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

BEWARE OF PLAGIARISM Please pay attention to proper academic citation rules and avoid plagiarism, an unethical and academically fraudulent behavior, when completing reports, assignments, or other academic works, and it is treated with the same disciplinary action as cheating in a classroom setting. It is imperative to refrain from presenting another person's ideas, language, expressions, or any other form of intellectual property as your own. Regardless of quality, your assignments/projects/research should reflect your original work. Perfection is not a requirement, and in case of any uncertainties regarding academic writing guidelines, you may seek clarification from your course instructor.

Engel Durumu/Uyarlama Talebi : Engel durumuna ilişkin herhangi bir uyarlama talebinde bulunmak isteyen öğrenciler, dersin öğretim elemanı ya da Nevşehir Engelli Öğrenci Birimi ile en kısa sürede iletişime geçmelidir.