



**Ağrı İbrahim Çeçen University**  
**Graduate School of Education**  
**Department of Occupational Health and Safety**  
**2020-2021 Fall Semester**

COURSE CODE	COURSE TITLE	C/S	T	A	TH	ECTS
İSG501	Introduction to Occupational Health and Safety	Z	3	0	3	6

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### Course Objective and Description

The main purpose of this course; to explain the field, scope, importance, historical development, basic concepts of occupational health and safety science and the necessity of manpower trained in this field in our country. This course covers the topics of occupational accidents and diseases, their causes and prevention methods, risk factors affecting occupational health and safety in work environments, occupational health and safety management system, personal protective equipment and the duties and authorities of occupational health and safety professionals in the light of legislation.

### Course Objectives and Outcomes

- ✓ ☐ To be able to explain the basic concepts related to occupational health and safety
- ✓ ☐ Knowing the risk factors that adversely affect health and safety in workplaces and the measures in the legislation
- ✓ ☐ Knowing the duties, authorities and responsibilities of occupational health and safety professionals
- ✓ ☐ To have information about international organizations and their duties related to occupational safety.
- ✓ ☐ Adopting a safety culture for occupational health and safety
- ✓ ☐ To be able to summarize the causes and prevention methods of work accidents and occupational diseases

### Course Schedule

Weeks	Subject	Readings	Tasks
1. Week	<b>Occupational Health and Safety Basic Concepts</b>		<b>Okumalar</b>
2. Week	<b>Historical Development of Occupational Health and Safety</b>	1. Çiçek, Ö., & Öçal, M. (2016). 2. Yiğiter, S. Ç. ( 2019).	
3. Week	<b>National and International Organizations Related to Occupational Safety</b>	3. İş Sağlığı ve Güvenliği Yönetim Sistemleri. Ünite 2 Sayfa 35-49 (MOODLE SİSTEMİNE YÜKLENECEKTİR)	
4. Week	<b>General and legal definition of work accident, accident theories and causes</b>		
5. Week	<b>Occupational Accident Statistics</b>	4. İş Kazaları ve İSG'de Temel Önlemler. Ünite 8. (MOODLE SİSTEMİNE YÜKLENECEKTİR)	<b>Homework 1:</b> Accessing the fatal occupational accident statistics data in three different sectors using different databases and preparing a report by drawing graphics

6. Week	General and legal definition of occupational disease, its causes and health surveillance		Homework 2: Interviewing at least 10 people for the definition of occupational disease
7. Week	Work Environment Surveillance		Homework 2: The work to be done in workplaces and the duties of OHS professionals are determined based on the legislation and presented in a report. Law No. 6331, Regulation on duties, authorities, responsibilities and training of occupational safety experts, Regulation on occupational health and safety services Relevant law regulation access; <a href="https://www.mevzuat.gov.tr/">https://www.mevzuat.gov.tr/</a>
8. Week	Physical Risk Factors	5. Çalışma Ortamında Risk Etmenleri (Sayfa 114-250) 6. Kocabaş vd,(2018)	Homework 2: Literature review by choosing one of the risk factors that cause work accidents in the workplace and preparing a report in the form of at least 5 pages
9. Week	Chemical Risk Factors		
10. Week	Biological Risk Factors		
11. Week	Psychosocial Risk Factors		
12. Week	Use of PPE and Warning Signs		
13. Week	Occupational Health and Safety Management System	7. İş Sağlığı ve Güvenliği Yönetim Sistemi- Kullanım Kılavuzu ile Şartlar	
14. Week	Duties, powers and responsibilities of occupational safety specialists	8. İş güvenliği uzmanlarının görev, yetki, sorumluluk ve eğitimleri hakkında yönetmelik	

## Resources

- Çiçek, Ö., & Öçal, M. (2016). Dünyada ve Türkiye'de İş Sağlığı ve İş Güvenliğinin Tarihsel Gelişimi. *Hak İş Uluslararası Emek ve Toplum Dergisi*, 5(11), 106-129.  
[https://www.researchgate.net/profile/Mehmet\\_Oecal3/publication/305309115\\_Dunyada\\_ve\\_Turkiye'de\\_Is\\_Sagligi\\_ve\\_Is\\_Guvenliginin\\_Tarihsel\\_Gelismisi/links/5d44447092851cd0469a6636/Duenyada-ve-Tuerkiyede-Is-Sagligi-ve-Is-Guevenliginin-Tarihsel-Gelismisi.pdf](https://www.researchgate.net/profile/Mehmet_Oecal3/publication/305309115_Dunyada_ve_Turkiye'de_Is_Sagligi_ve_Is_Guvenliginin_Tarihsel_Gelismisi/links/5d44447092851cd0469a6636/Duenyada-ve-Tuerkiyede-Is-Sagligi-ve-Is-Guevenliginin-Tarihsel-Gelismisi.pdf)
- Yiğiter, S. Ç. (2019). Türkiye'de İş Sağlığı ve Güvenliğinin Tarihsel Gelişim Süreci. *Sosyal Bilimlerde*, 213.  
[https://www.researchgate.net/profile/Oezlem\\_Atan/publication/336995229\\_Sosyal\\_Bilimlerde\\_Yeni\\_Arastirmalar\\_ici\\_16x244/links/5dbee23a6fdcc2128fdd9e/Sosyal-Bilimlerde-Yeni-Arastirmalar-ici-16x244.pdf#page=221](https://www.researchgate.net/profile/Oezlem_Atan/publication/336995229_Sosyal_Bilimlerde_Yeni_Arastirmalar_ici_16x244/links/5dbee23a6fdcc2128fdd9e/Sosyal-Bilimlerde-Yeni-Arastirmalar-ici-16x244.pdf#page=221)
- İş Sağlığı ve Güvenliği Yönetim Sistemleri. <https://icerik.ataaof.edu.tr/?d=issagligiveguvenligiyonetimsistemleri>
- İş Kazaları ve İSG'de Temel Önlemler. <https://icerik.ataaof.edu.tr/?d=iskazalariveisg%27detemelonlemler>
- Çalışma Ortamında Risk Etmenleri  
[http://ftp.toros.edu.tr/CDN/13351/%C3%87a%C4%B1%C5%9Fma%20Ortam%C4%B1nda%20Risk%20Etmenleri%20\(Atat%C3%BCrk%20%C3%9Cniver sitesi\)%20\(20%20\(Sayfa%2089-97%20aras%C4%B1\).pdf](http://ftp.toros.edu.tr/CDN/13351/%C3%87a%C4%B1%C5%9Fma%20Ortam%C4%B1nda%20Risk%20Etmenleri%20(Atat%C3%BCrk%20%C3%9Cniver sitesi)%20(20%20(Sayfa%2089-97%20aras%C4%B1).pdf)
- Kocabaş, F., Aydın, U., Özgüler, V. C., İlhan, M. N., Demirkaya, S., Nihan, A. K., & Özbaş, C. (2018). ÇALIŞMA ORTAMINDA PSİKOSOSYAL RİSK ETMENLERİNİN İŞ KAZASI, MESLEK HASTALIKLARI VE İŞLE İLGİLİ HASTALIKLARLA İLİŞKİSİ. *Sosyal Güvence*, (14), 28-62.  
<https://dergipark.org.tr/tr/download/article-file/620383>
- İş Sağlığı ve Güvenliği Yönetim Sistemi- Kullanım Kılavuzu ile Şartlar <https://www.obey.com.tr/dosya/yukle/2018/03/Turkce-1.pdf>

## Expectations from Participants

- ✓  All participants are expected to attend all classes by making the necessary preparations (detailed in the readings and tasks section) and to be active during the lesson.
- ✓  All assignments will be sent to the e-mail address given above.

## Evaluation:

Homework1+Homework2+Homework3: 60 points + Midterm Grade	Midterm Grade
Assignment4: 40 points	Final Grade