

Course Code	Course Name	Year/Semester	Theory	Practice	Credits	ECTS
IAED 4306	Occupational Safety and Health - II	2020-2021 / Fall	2	-	2	3

Level of Course: Undergraduate

Course Type: Theory & Practical

Language of

Instruction: English

Course time: 11.00-13:00 – Monday

Course classroom: A1-04-05

Mode of Delivery: Class Teaching, Theory & Practical

Prerequisites and Prerequisites: None

Co-requisites: Co-requisites: None

Course Coordinator: Asst. Prof. Dr. M. Fatih AK-Office AG 05- fatih.ak@antalya.edu.tr

Name of Lecturer(s): Asst. Prof. Dr. M. Fatih AK

Course Teaching

Assistant: -

Course Objectives:

The aim of the course ; to learn and understand the national and international affairs about occupational health and safety, to learn the duty, responsibility and legal rights in business life and to come up with a list of things to be done in practice. It is also aimed at researching, learning and practicing the applications that will gain awareness and culture of work safety for working in a healthy and safe environment.

Course Description:

Concepts of occupational health and safety in national and global base, occupational health and safety holistic approach applications ; investigation of activities that contribute to risk prevention culture at work; activities that can be carried out to ensure the creation and continuity of safety culture; place of occupational health and safety in business budgeting , healthy and safe life and applications. Numerical and verbal risk assessment methods and applications. Job accidents data, causes of accidents, precautions to be taken on the basis of analyzes and recommendations

Learning Outcomes:

- Define and ability to apply basic occupational health and safety concepts
- To have the knowledge and gain the ability to contribute to the occupational health and safety culture in practice
- Designing with occupational health and safety priorities for work safety and worker health
- Gain the ability of analyzing effectiveness and efficiency of occupational safety in administrative processes
- Become a part of occupational health and safety risk assessment and management process

Language:

The exams and projects will be in English.

- Text Books:** Alli ,Fundamental principles of occupational health and safety, Second Edition
- International Labour Office - 2008
- Recommended Text Books:** Demircioğlu, Murat " Ulusal ve Uluslararası Hukukta İş Güvenliği Uzmanlığı " , Beta Basım Yayım , (2013)
Altın, Mustafa; Taşdemir Şakir "İSG İş Sağlığı ve Güvenliği " , Eğitim Yayınevi, (2017)
- Reading Text books:** ILO standards on occupational safety and health: promoting a safe and healthy working environment: International Labor Office , (2009)
- Nag, Pranab Kumar (2019). Office buildings: health, safety and environment. Singapore: Springer.
- Altın, Mustafa; Taşdemir Şakir "İSG İş Sağlığı ve Güvenliği " , Eğitim Yayınevi, (2017)
- Planned Learning Activities and Teaching Method:** **Learning/Teaching Method:** The expected learning outcomes for the course will be assessed through: Group Presentations, a Midterm Project, Final Exam and feedback.
Assignments: Students are required to do powerpoint presentation in a group work throughout the semester.

Class Participation: Regular attendance of all enrolled classes is expected. Do not be late to the class. Attendance will be taken through your signature within the first quarter of the class; if you come later you will be considered absent. At the end of the Semester, your attendance will be reported on UBS system. Attendance is compulsory and in case of absenteeism of more than 30%, the system will automatically grade you "FX". If you miss a class, it is your responsibility to 'make up' all work, including items discussed in class. Class contribution will be measured in terms of quality not quantity. If you need to leave early for whatever reason, you should exercise politeness and notify your professor at the commencement of the session.

Academic integrity & plagiarism: Academic integrity is the pursuit of scholarly activity based on the values of: honesty, trust, fairness, respect and responsibility. Practicing academic integrity means never plagiarizing or cheating, never misrepresenting yourself, never falsifying information, never deceiving or compromising the work of others. Basically this means, either intentionally or unintentionally, using the words or ideas of someone else without giving credit, it's strictly forbidden.

Course Text books: There is no specific textbook for this course.

Key Works: this course is based on occupational safety and health related works.

Specific Rules:

1. **Be punctual. Punctuality is a sign of respect toward yourself and the others.**
2. Show respect for all the people and property around you.
3. Be responsible for your actions and meet all expectations.
4. Follow directions the first time they are given.
5. Students should raise their hand to signal a question or to answer a question.
6. Students should use the Internet at school for academic purposes only.
7. It is forbidden to record classes with any type of device.

Communication: Students are encouraged to visit the professor during their Office Hours. If you cannot make it to announced office hours, please make individual arrangements via e-mail. However, do not expect the professor and the research assistant to respond at length via e-mail to questions of content, definition of terms, grading questions etc. If you have a question that requires a substantive response please set up an appointment to speak with one of us.

**Course Contents*:
(Weekly Lecture Plan)**

Date	Week	Chapter Topic	Take-home exercise
05.10.20	1	Introduction to the Course	-
12.10.20	2	Occupational safety and the total working area and contents	-
19.10.20	3	Analysing occupational accidents and occupational diseases	Research project-Defining of project title
26.10.20	4	Occupational accident investigation, notification of occupational accidents and responsibility	-
02.11.20	5	Qualitative risk assessment methods	Research project-Introduction part
09.11.20	6	Quantitative risk assessment methods	-
16.11.20	7	Ergonomics in Interior Architecture	Research project-Literature Review part
	8	MIDTERM PROJECT	
30.11.20	9	Ergonomics in Interior Architecture	Research project-Application part I
07.12.20	10	The measure of occupational accidents, use of accident frequency and weight ratio	Research project-Application part II
14.12.20	11	The Importance of Interior Architecture in Health and Safety Design	Finalize the project
21.12.20	12	Occupational Accidents and First Aid	-

28.12.20	13	Student Presentations	-
04.01.21	14	Final Review	
FINAL EXAM			

*PLEASE NOTE: Details of the syllabus and course schedule are subject to minor changes; that be announced in class.

Grading: Midterm, Final and Class Performance will be evaluated.

Assessment Methods and Criteria :

METHODS	EFFECTS ON GRADING
Quizz(es)	% 10
Midterm Project	% 40
Final Exam	% 50
	100

ECTS Workload Table :

ACTIVITIES	NUMBER	HOUR	WORKLOAD
Course Teaching Hours	13	2	26
Self-study for Midterm Project	1	20	20
Midterm Project Pre-Assessment	1	4	4
Self-study for Final Exam	1	25	25
Total Workload			75
Total workload/25			75/25
ECTS			3

GRADING AND EVALUATION

The students' progress will be evaluated throughout the semester.

Grade Scale:

GRADE	MARKS	VALUE	GRADE	MARKS	VALUE
A+			C+	60-64	2.30
A	95-100	4.00	C	55-59	2.00
A-	85-94	3.70	C-	50-54	1.70
B+	80-84	3.30	D+	45-49	1.30
B	75-79	3.00	D	40-44	1.00
B-	65-74	2.70	F	0-39	0.00

❖ Before office visit you have to send an email to the instructor.