

Alanya Alaaddin Keykubat University | Rafet Kayış Faculty of Engineering
Genetic and Bioengineering Department
 2024-2025 Fall Semester

Syllabus

Code/Name	ISG 401E / OCCUPATIONAL HEALTH AND SAFETY I
Type	Required
Credit/ECTS	2/2
Hour per Week	2 (2+0)
Level/Year	Undergraduate/4
Semester	Fall
Classroom	Virtual classroom
Content	Definition of occupational health and safety concepts, Purpose of occupational safety, Rules of occupational health and safety, Occupational safety law, Responsibilities of employers and employees, Ergomy concept, Defining occupational diseases
Prerequisites	-
Textbooks	<i>Primary</i> Class Notes <i>Supplementary</i> Lesson notes prepared from books and articles
Objectives	<ul style="list-style-type: none"> Explaining the concepts of occupational health and safety To describe the purpose and rules of occupational safety and health in detail Explaining the legal processes of occupational safety law Explaining the responsibilities of employers and employees Explaining to define the concept of ergonomics and occupational diseases
Course Outcomes	In this course you will be able to: CO1 Explaining the concepts of occupational health and safety in general terms. CO2 Explaining how to use occupational health and safety rules and etiquette correctly in the workplace. CO3 Describing the laws on occupational health and safety and learning to defend their rights in case of problems. CO4 Describing the obligations of employer and employee. CO5 Explaining of hygiene, ergonomics and occupational diseases and careful work in the workplace.

Weekly Schedule of Topics

W	Topic
1	Definition of occupational safety
2	Health definition
3	Factors determining the relationship between work and health
4	Purpose of occupational health and safety
5	Occupational health and safety law
6	Duties, powers and responsibilities of employers and employees obligations
7	Employee obligations
8	Occupational health and safety services
9	General rules of occupational health and safety
10	Safety culture

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11	Work hygiene										
12	Work organization										
13	Ergonomics										
14	Introduction to occupational diseases										
Professional Contribution	Detailed explaining of the concept, rules and culture of occupational health and safety										
Contribution to Program Outcomes*											
	P01	P02	P03	P04	P05	P06	P07	P08	P09	P010	P011
C01	5	5	4	5	4	4	4	3	4	3	5
C02	4	4	3	5	5	4	4	3	4	3	5
C03	4	4	3	4	5	3	4	3	2	3	5
C04	5	5	4	4	3	3	2	3	4	4	5
C05	5	4	4	4	4	3	4	3	5	4	4
* Contribution Level 0: None 1: Very Low 2: Low 3: Medium 4: High 5: Very High											
Special Conditions	-										
Requirements	-										
Course Policy	Attending classes diligently in synchronization.										
Cheating & Plagiarism	<ul style="list-style-type: none">• Copying or letting someone copy your work on exams, assignments, or reports is cheating.• Cutting and pasting text, figures and tables from web sources or any other electronic source is plagiarism.• The consequence of academic dishonesty is to receive a grade of FF for the course.										
Evaluation	Midterm 50% <u>Final Exam</u> 50% Total 100%										
Rubric	A rubric will be announced by the instructor before the exams are given.										
Instructor	-										
Name/Surname	Dr. Sevda ALTUN					Email	sevda.altun@alanya.edu.tr				
Room						Office Hours	W 11.30-12.30 T 13.30-14.30				

Prepared by Dr.Sevda ALTUN.