

Alanya Alaaddin Keykubat University | Rafet Kayış Faculty of Engineering  
**Genetic and Bioengineering Department**  
 2023-2024 Spring Semester

**Syllabus**

<b>Code/Name</b>	ISG 402/ OCCUPATIONAL HEALTH AND SAFETY 2
<b>Type</b>	Required
<b>Credit/ECTS</b>	2/2
<b>Hour per Week</b>	1 (1+0)
<b>Level/Year</b>	Undergraduate/4
<b>Semester</b>	Spring
<b>Classroom</b>	Virtual classroom
<b>Content</b>	Application principles of occupational health, Occupational diseases and prevention principles, Meanings of occupational safety and health signs, Chemical / physical risk factors and prevention principles, Safe use of work equipment, Work accidents and prevention principles, first aid intervention information in work accidents
<b>Prerequisites</b>	-
<b>Textbooks</b>	<i>Primary</i> Class Notes <i>Supplementary</i> Lesson notes prepared from books and articles
<b>Objectives</b>	<ul style="list-style-type: none"> <li>Detailed explaining of occupational health and occupational disease prevention principles.</li> <li>Explaining the meaning of occupational safety and health signs.</li> <li>To describe how to be protected correctly at work by understanding chemical / physical risk factors.</li> <li>To describe the safe use of work equipment</li> <li>Detailed explaining of the principles of occupational accident prevention and learning how to provide first aid in occupational accidents.</li> </ul>
<b>Course Outcomes</b>	In this course you will be able to: C01 To explain in detail the precautions to be taken for the prevention of occupational diseases in the workplace. C02 Learning the meaning of safety signs in workplaces correctly. C03 To describe the correct protection from chemical/physical risk factors. C04 To learn the importance of regular, meticulous and safe use of work equipment. C05 Explaining the importance of correct first aid intervention in work accidents.

**Weekly Schedule of Topics**

W	Topic
1	The importance of occupational health, application principles
2	Occupational diseases and prevention principles
3	Occupational safety and health signs 1
4	Occupational safety and health signs 2
5	Occupational safety and health signs 3
6	Chemical and physical risk factors
7	General principles for the safe use of chemicals
8	Special protective and preventive measures for risks of chemical agents
9	Flash, explosion, fire and fire protection

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10	Safe use of work equipment
11	Work accident
12	Principles of Protection in Work Accidents
13	First aid in work accidents
14	First aid information
<b>Professional Contribution</b>	Learning the principles of protection from occupational diseases in workplaces, the meaning of safety signs, protection from chemical/physical risk factors, first aid intervention.

**Contribution to Program Outcomes\***

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C01	3	3	4	4	4	4	4	3	4	3	3
C02	4	4	3	4	4	4	4	3	4	3	3
C03	4	4	3	4	4	3	4	3	2	3	3
C04	4	4	4	4	3	3	2	3	4	4	3
C05	4	4	4	4	4	3	4	3	3	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"><li>• Copying or letting someone copy your work on exams, assignments, or reports is cheating.</li><li>• Cutting and pasting text, figures and tables from web sources or any other electronic source is plagiarism.</li><li>• The consequence of academic dishonesty is to receive a grade of <b>FF</b> for the course.</li></ul>		
Evaluation	Midterm 50% Final Exam 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.