

R. Abbasov	Subject	ENV 305 Health, Safety and Environment, 6 ECTS	
	Department	Geography and Environment	
	Term	Spring 2021	
	Instructor	Tural Maharramov MSc, Ph.D. student tural.mhr@gmail.com tural.maharramov@khazar.org	
	Classroom/hours	Thursday, 18:40	
Prerequisites	None		
Language	English		
Compulsory/Elective	Compulsory		
Textbooks and course materials	<p>Core textbook: <i>1. NEBOSH (National Examination Board in Occupational Safety and Health) International General Certificate handbooks:</i> UNIT IGC1: MANAGEMENT OF INTERNATIONAL HEALTH AND SAFETY UNIT IGC2: CONTROLLING WORKPLACE HAZARDS</p> <p>Supplementary sources: <i>2. Occupational health- A manual for primary health care workers</i> <i>3. L. Lee Harrison. (2008) Environmental, Health and Safety Auditing Handbook (Hardcover)</i></p>		
Teaching methods	Case analysis		x
	Group discussion		x
	Lab		
	Lecture		x
	Course project		
	Problem solving		x
	Others		x
Evaluation criteria	Methods	Date/deadlines	Percentage (%)
	Midterm Exam	08.04.2021 Both open-Ended and closed-Ended questions	30
	Case studies		
	Attendance/Activity	Attendance (5%) and Activity (5 %)	10
	Quizzes	Two quizzes during the semester with both open-Ended and Closed-Ended questions dividing the total mark by two 1) 25.03.2021 2) 13.05.2021	10
	Project		
	Assignment	20.05.2021	10
	Laboratory Work		
	Final Exam		40
	Reading task (review paper)		

	Total		100
Course objectives	<p>The objective of the module is to teach the students about all type of hazards including anthropogenic and natural hazards existing at universities, home and workplaces.</p> <p>The module covers hazards identification, analysis methods, control methods, usage of safety equipment and other necessary theoretical and practical skills.</p> <p>The hazards response measures based on local and international standards will be delivered at the HSE classes by case studies, team works, video materials, technical means, presentations and facilitation.</p>		
Course outline	The main aim of this module is to prepare students for their future professional career and instill safe working behaviours in them.		
Tentative Schedule			
Week	Date	Topics	Textbook/Assignments
1	18.02.2021	Introduction to HSE Basic concepts	Unit 1 Element 1
2	25.02.2021	Foundation in health and safety Local and international HSE legislations and standards	Unit 1 Element 1
3	04.03.2021	Health and safety management systems-PLAN Health and safety management systems-DO (Part 1)	Unit 1 Element 2 Element 3
4	11.03.2021	Health and safety management systems-DO (Part 2)	Unit 1 Element 3
5	18.03.2021	Health and safety management systems-CHECK	Unit 1 Element 4
6	25.03.2021	Health and safety management systems-ACT	Unit 1 Element 5
7	01.04.2021	Workplace hazards and risk control	Unit 2 Element 1
8	08.04.2021	Midterm Exam	
9	15.04.2021	Transport hazards and risk control	Unit 2 Element 2
10	22.04.2021	Musculoskeletal hazards and risk control	Unit 2 Element 3
11	29.04.2021	Work equipment hazards and risk control	Unit 2 Element 4
12	06.05.2021	Electrical safety	Unit 2 Element 5
13	13.05.2021	Fire safety	Unit 2 Element 6
14	20.05.2021	Chemical and biological health hazards and risk control Environmental hazards	Unit 2 Element 7
15	27.05.2021	Physical and psychological health hazards and risk control Hazard control methods	Unit 2 Element 8
		Final exam	

