



UNIVERSITI TEKNOLOGI MARA

MMS353: OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION - OSHA

Course Name (English)	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION - OSHA APPROVED
Course Code	MMS353
MQF Credit	3
Course Description	This course comprises the topic that covers acts and regulation in Occupational Safety and Health (OSH) in industrial operation. The topics include Occupational Safety and Health act (1994), Factory and Machinery Acts (1967) and Environmental Quality Acts (1974). At the end of this course, a case study will be presented and discussed to enhance student understanding in the use of each acts.
Transferable Skills	Communication skill Team work skill Leadership skill Self management skill
Teaching Methodologies	Lectures, Case Study, Discussion, Presentation
CLO	CLO1 Explain the various functions, concepts regarding safety and health management. CLO2 Apply the knowledge gained in solving and analyzing acts and regulation in Occupational Safety and Health (OSH) in industrial operation. CLO3 Show how selected acts and regulation covered in this course is/are applied in industry.
Pre-Requisite Courses	No course recommendations
Topics	
1. Introduction 1.1) The concept of industry administration and legislation.	
2. Industrial Safety and Health 2.1) Mechanical and hazard at work. 2.2) Pressure vessels and fire precaution.	
3. Principle of Occupational Safety and Health (OSH) 3.1) Introduction to OSH. 3.2) Accident Assessment. 3.3) Occupational Hazard. 3.4) OSH Management.	
4. Occupational Safety and Health Act (1994) 4.1) Fundamental Legislation. 4.2) General Duties. 4.3) Enforcement and Liability.	
5. Factory and Machinery Acts (1967) 5.1) Fundamental Legislation. 5.2) Control of Machinery. 5.3) Control of Environment. 5.4) Control of People.	
6. Environmental Quality Acts (1974) 6.1) Terms in Environmental Quality Acts. 6.2) Environmental Quality Acts in industry. 6.3) Regulations of Environmental Quality Acts in industry. 6.4) Air, Water and Noise Pollution control at industry.	

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Case Study	Group Case Study 3 (Report and Presentation)	10%	CLO1 , CLO2 , CLO3
	Case Study	Group Case Study 1 (Report)	10%	CLO1
	Case Study	Group Case Study 2 (Report)	10%	CLO1 , CLO2 , CLO3
	Test	Test 1	15%	CLO1
	Test	Test 2	15%	CLO1 , CLO2
	Test	Test 3	40%	CLO1 , CLO2

Reading List	Recommended Text	<ul style="list-style-type: none"> Malaysia 2001, <i>Occupational Safety and Health Act 1994 (Act 514) and Regulations and Orders</i>, ILBS Malaysia [ISBN: 9678911019]
	Reference Book Resources	<ul style="list-style-type: none"> Malaysia, International Law Book Services. Legal Research Board 1991, <i>Factories and Machinery Act 1967 (Act 139) & Regulations and Rules</i>, ILBS [ISBN: 9789678904124] Malaysia, International Law Book Services. Legal Research Board, <i>Environmental Quality Act 1974 (Act 127), Rules and Regulations</i>, ILBS Malaysia [ISBN: 9789678925174]
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	