



UNIVERSITI TEKNOLOGI MARA

IHS111: OVERVIEW OF INDUSTRIAL HYGIENE

Course Name (English)	OVERVIEW OF INDUSTRIAL HYGIENE APPROVED		
Course Code	IHS111		
MQF Credit	3		
Course Description	This is an introductory course to provide students a firm foundation in general industrial hygiene. The course cover roles of industrial hygienist, basic principle of industrial hygiene, implementation of permissible exposure limit, anticipation and recognition of health hazard, evaluation of exposure and health risk, Control of health risk and management and implementation of industrial hygiene program. Student will state and write and understand general concepts of identification, evaluation and control while the detail concept will be detail in specified course. The course will assist student in overall flow of the program.		
Transferable Skills	Teamwork, Responsibility, Leadership and Communication skills		
Teaching Methodologies	Lectures, Blended Learning, Discussion, Presentation, Industrial Talk		
CLO	<p>CLO1 Ability to define industrial hygiene principle and describe element of industrial hygiene program.</p> <p>CLO2 Ability to recognize the common health hazards in industrial operations.</p> <p>CLO3 Ability to define concept of OEL (Occupational Exposure Limit) and relation with local legal requirement.</p> <p>CLO4 Ability to describe health hazard evaluation approached and predicts control strategies to reduce and/or eliminate potential health hazards.</p>		
Pre-Requisite Courses	No course recommendations		
Reading List	<table border="1"> <tr> <td>Recommended Text</td> <td> <ul style="list-style-type: none"> • Barbara A. Plog 2012, <i>Fundamental of Industrial Hygiene.</i>, First edition Ed., 7, National Safety Council, Lewis Publishing New York [ISBN: 978-087912312] • Debra K. Nims 1999, <i>Basic of Industrial Hygiene</i>, First edition Ed., John Wiley & Sons [ISBN: 978-047129983] </td> </tr> </table>	Recommended Text	<ul style="list-style-type: none"> • Barbara A. Plog 2012, <i>Fundamental of Industrial Hygiene.</i>, First edition Ed., 7, National Safety Council, Lewis Publishing New York [ISBN: 978-087912312] • Debra K. Nims 1999, <i>Basic of Industrial Hygiene</i>, First edition Ed., John Wiley & Sons [ISBN: 978-047129983]
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Article/Paper List	This Course does not have any article/paper resources		
Other References	<ul style="list-style-type: none"> • Books ACGIH 2010, <i>American Conference of Governmental Industrial Hygienist</i> , CRC Press, USA • Act Book Act 139 1974, <i>Factories and Machinery Act 1967</i>, Laws of Malaysia, Malaysia • Act Book Act 514 2012, <i>OSHA Act and Regulations 1970</i>, MDC Publishers Sdn. Bhd., Malaysia 		