



UNIVERSITI TEKNOLOGI MARA

IDT565: HUMAN FACTOR IN FURNITURE DESIGN

<b>Course Name (English)</b>	HUMAN FACTOR IN FURNITURE DESIGN <b>APPROVED</b>				
<b>Course Code</b>	IDT565				
<b>MQF Credit</b>	2				
<b>Course Description</b>	This course will provide a comprehensive knowledge on why a product should be designed in accordance to the need from human as the main user. The students will be introduced to the nature of human physical and psychological characteristics and their uniqueness, in order to develop a better understanding on how a product / facility / procedure should be carefully planned, designed and made to suit the need of user.				
<b>Transferable Skills</b>	Effective Communicator, Responsive, Systematically Inquisitive, Independent and Critical Thinker.				
<b>Teaching Methodologies</b>	Lectures, Blended Learning, Case Study, Reading Into Writing Task				
<b>CLO</b>	CLO1 • Develop empathy for user needs and constraint as a basis for user centered design thinking. CLO2 • Demonstrate analytical thinking in recognizing design opportunities. CLO3 • Apply human factors principles to better understand design problems and challenges.				
<b>Pre-Requisite Courses</b>	No course recommendations				
<b>Reading List</b>	<table border="1"><tr><td><b>Recommended Text</b></td><td>• Sanders, Mark S., and Mc Cormick, Ernest J. 1992, <i>Human Factors in Engineering and Design.</i>, McGraw-Hill New York, USA.</td></tr><tr><td><b>Reference Book Resources</b></td><td>• Norman, D.A 2002, <i>Design of Everyday Things.</i>, Basic Books. • Hawkins, Frank H 1998, <i>Human Factors in Flight</i>, Ashgate Publishing Limited. • Wilson, John R. &amp; Corlett, E. Nigel. 1995, <i>Evaluation of Human Work, A practical ergonom</i>, Taylor &amp; Francis</td></tr></table>	<b>Recommended Text</b>	• Sanders, Mark S., and Mc Cormick, Ernest J. 1992, <i>Human Factors in Engineering and Design.</i> , McGraw-Hill New York, USA.	<b>Reference Book Resources</b>	• Norman, D.A 2002, <i>Design of Everyday Things.</i> , Basic Books. • Hawkins, Frank H 1998, <i>Human Factors in Flight</i> , Ashgate Publishing Limited. • Wilson, John R. & Corlett, E. Nigel. 1995, <i>Evaluation of Human Work, A practical ergonom</i> , Taylor & Francis
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<b>Article/Paper List</b>	This Course does not have any article/paper resources				
<b>Other References</b>	This Course does not have any other resources				