



UNIVERSITI TEKNOLOGI MARA

IND289: FURNITURE DESIGN III

Course Name (English)	FURNITURE DESIGN III APPROVED		
Course Code	IND289		
MQF Credit	4		
Course Description	The course covers on the design of custom furniture, both loose and built-in, focusing on construction/making techniques, detailing and production of detail drawings. Students shall produce mock-up model or prototype of furniture design in order to experience ergonomic, structural and manufacturing problem. These hands-on training shall establishes students with practical and intelligent sense in designing and furniture making taking into consideration the functional, technical, aesthetics and economics aspects of custom furniture design. An academic trip to furniture manufacturer shall give an exposure to a better understanding towards custom furniture design.		
Transferable Skills	Furniture Design 1 Interior Design		
Teaching Methodologies	Lectures, Studio, Demonstrations, Field Trip, Case Study, Practical Classes, Tutorial, Discussion, Presentation, Workshop, Self-directed Learning		
CLO	<p>CLO1 evaluate furniture design and furniture detailing as it impacts concept, image, function, arrangement, design principles and cost.</p> <p>CLO2 develop furniture design and produce mockup model or prototype for loose furniture and built-in furniture and produce detail drawings and specifications for manufacturing, tender and installation purposes.</p> <p>CLO3 apply knowledge on joinery and construction, material and finishes, fittings and fixture of custom furniture design.</p> <p>CLO4 estimate the cost of construction and installation, and consider the economics aspects of custom furniture design.</p>		
Pre-Requisite Courses	No course recommendations		
Reading List	<table border="1"> <tr> <td>Recommended Text</td> <td> <ul style="list-style-type: none"> • Charlotte Fiell, Peter Fiell 2012, <i>Design of the 20th Century</i>, Taschen America Llc [ISBN: 3836541068] • Charlotte Fiell, Peter Fiell 2013, <i>1000 Chairs</i>, Taschen America Llc [ISBN: 3836546744] • Gloria Koenig 2015, <i>Eames</i>, Taschen [ISBN: 3836560216] • Design Museum 2010, <i>How To Design a Chair</i>, Conran [ISBN: 1840915463] • Joseph Aronson 1965, <i>The Encyclopedia of Furniture</i>, Clarkson Potter [ISBN: 0517037351] • Galen Cranz 2000, <i>The Chair</i>, W. W. Norton & Company [ISBN: 0393319555] </td> </tr> </table>	Recommended Text	<ul style="list-style-type: none"> • Charlotte Fiell, Peter Fiell 2012, <i>Design of the 20th Century</i>, Taschen America Llc [ISBN: 3836541068] • Charlotte Fiell, Peter Fiell 2013, <i>1000 Chairs</i>, Taschen America Llc [ISBN: 3836546744] • Gloria Koenig 2015, <i>Eames</i>, Taschen [ISBN: 3836560216] • Design Museum 2010, <i>How To Design a Chair</i>, Conran [ISBN: 1840915463] • Joseph Aronson 1965, <i>The Encyclopedia of Furniture</i>, Clarkson Potter [ISBN: 0517037351] • Galen Cranz 2000, <i>The Chair</i>, W. W. Norton & Company [ISBN: 0393319555]
Recommended Text	<ul style="list-style-type: none"> • Charlotte Fiell, Peter Fiell 2012, <i>Design of the 20th Century</i>, Taschen America Llc [ISBN: 3836541068] • Charlotte Fiell, Peter Fiell 2013, <i>1000 Chairs</i>, Taschen America Llc [ISBN: 3836546744] • Gloria Koenig 2015, <i>Eames</i>, Taschen [ISBN: 3836560216] • Design Museum 2010, <i>How To Design a Chair</i>, Conran [ISBN: 1840915463] • Joseph Aronson 1965, <i>The Encyclopedia of Furniture</i>, Clarkson Potter [ISBN: 0517037351] • Galen Cranz 2000, <i>The Chair</i>, W. W. Norton & Company [ISBN: 0393319555] 		
Article/Paper List	This Course does not have any article/paper resources		
Other References	This Course does not have any other resources		