



UNIVERSITI TEKNOLOGI MARA

IDE574: FURNITURE INDUSTRIAL PROJECT

Course Name (English)	FURNITURE INDUSTRIAL PROJECT APPROVED
Course Code	IDE574
MQF Credit	3
Course Description	This course allows student to practice decision making on an advanced project in related field considering all details aspect of design in a proper furniture approach. Students will have an open mind on production knowledge and detailed realistic design solutions in order to develop high quality furniture which will lead their ideas beyond their imagination and to improve their capabilities in the use of modern design tools. The final outcome will determined the student to present their overall project with confidence and able to deliver their ideas that will be supported by written submissions exploring the theoretical and strategic basis from which the concept flows.
Transferable Skills	Communication Skill Research Skill Design Skill Prototyping Skill
Teaching Methodologies	Studio, Problem Based Learning (PBL), Presentation, Computer Aided Learning, Supervision, Industrial Talk, Project-based Learning
CLO	CLO1 Present interactive proposal on multiple current furniture design technique/process. CLO2 Demonstrate responsible completion of tasks in furniture trend, market and industry research. CLO3 Justify design decisions on furniture design concept for specific market segments towards initiating new ideas for industry.
Pre-Requisite Courses	No course recommendations
Topics	
1. Introduction: Brief on Research/Theme Guideline 1.1) N/A	
2. Explanation on existing furniture/ Problem and Brainstorming Method 2.1) N/A	
3. Analysis on Data Finding 3.1) N/A	
4. Design concept 4.1) N/A	
5. Preparation for idea concept 5.1) N/A	
6. Preparation for idea development 6.1) N/A	
7. Preparation for design development 7.1) N/A	
8. Final Design / Idea presentation of final 2D / 3D development 8.1) N/A	
9. Pre-Assessment /Approve design / material selection 9.1) N/A	
10. Selection final GA/ TD - Technical Aspect 10.1) N/A	

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Critique session 1	10%	CLO1
	Assignment	Critique Session 2	10%	CLO1
	Assignment	Critique Session 3	15%	CLO2
	Assignment	Critique Session 4	15%	CLO2
	Assignment	Final Assesment	50%	CLO3

Reading List	Recommended Text	<ul style="list-style-type: none"> • Roth, Manuela 2012, <i>Master & Their pieces best of furniture design</i>, Salenstein • 2014, <i>Practical Furniture Design</i> • K. G. Swift & J. D. Booker 2013, <i>Manufacturing Process Selection Handbook</i>, 1 Ed., 4. K. G. Swift & J. D. Booker , <i>Manufacturing Process Selection Handbook: Fro</i>, Butterworth-Heinemann • Miller J 2012, <i>Miller's Mid Century Modern</i>, Mitchell Beazley • Gosling, Tim, 2015, <i>Classic Contemporary: The DNA of Furniture Design</i>, New York • Jurgen Sembach K. 2003, <i>Furniture Design</i> • Koomler S, Shaker 2000, <i>Style: Form, Function, and Furniture</i>, 1 Ed., Running Press Book Publishers
	Reference Book Resources	<ul style="list-style-type: none"> • Postell, James Christopher 2012, <i>Furniture Design., Hoboken New Jersey</i>
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	