



UNIVERSITI TEKNOLOGI MARA

IDT300: INDUSTRIAL DESIGN IV

Course Name (English)	INDUSTRIAL DESIGN IV APPROVED
Course Code	IDT300
MQF Credit	5
Course Description	Students will be introduced to the advance design skill which is a combination between psychomotor, thinking and knowledge to come out with the high quality of design and they learn about the systems and the materials that are suitable to use or apply in their design. This is the stage where the students will experience complete design process and able to produce complete model. This project will explore trend of shapes, form and the use of proper material in model making process. Students will also learn advance skills of design, presentation, and research which enable students to produce three dimensional models. The lecture topics will be carried weekly which includes an exercise to determine students understanding where students are expected to collaborate the ergonomics knowledge and aesthetics value
Transferable Skills	1. Carry out proper research 2. Knowledge on practicality 3. Problem solving in design and model making
Teaching Methodologies	Lectures, Studio
CLO	CLO1 Carry out proper research prior to production of final project outcomes CLO2 Apply knowledge of design characteristics, which can be explain into practical projects CLO3 Identify evidence of creative problem solving through strong design defenses
Pre-Requisite Courses	No course recommendations
Topics	
1. Assignment 1 1.1) Proposal	
2. Assignment 2 2.1) Ideation Sketches	
3. Assignment 3 3.1) Idea Development	
4. Assignment 4 4.1) Model Making	
5. Pre-Assessment 5.1) Progress	
6. Workshop Observation 6.1) Consultation	
7. FINAL ASSESSMENT 7.1) n/a	

Assessment Breakdown	%
Continuous Assessment	60.00%
Final Assessment	40.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	n/a	60%	CLO1 , CLO2 , CLO3

Reading List	Reference Book Resources
	<ul style="list-style-type: none"> • Cuffaro, Paige, Blackman, Laituri, Covert, Se 2006, <i>Process Materials Measurements</i>, Rockport Publishing Group, United of America • David Bramston, 2009, <i>Idea Searchings</i>, AVA Publishing, Switzerland • Christian Boucharenc, 2008, <i>Design For A Contemporary World</i>, NUS Press, Singapore

Article/Paper List	This Course does not have any article/paper resources
Other References	This Course does not have any other resources