



UNIVERSITI TEKNOLOGI MARA

IDE512: TRANSPORT DESIGN

Course Name (English)	TRANSPORT DESIGN APPROVED
Course Code	IDE512
MQF Credit	3
Course Description	The course is designed as an introductory course for Transport Design I with emphasis on form studies on visual appearance. This understanding is crucial as a prerequisite to the following semester where feasible designs will undertake more detailed considerations for production purposes. This course will also provide opportunity for students to embark on research process and application of data into a design and its functionality.
Transferable Skills	Student understanding and knowledge with appropriate research, cluster analysis abilities in aesthetic and relation to function form on transport design.
Teaching Methodologies	Lectures, Lab Work, Studio, Demonstrations, Tutorial, Discussion, Presentation, Workshop, Supervision
CLO	CLO1 Construct a form and use appropriate materials, tools and equipment. CLO2 Propose relevant processes and technologies in transport design and manufacturing processes. CLO3 Describe design in relation towards environment and society.
Pre-Requisite Courses	No course recommendations
Topics	
1. 1. Introduction to course outline and project brief briefing 1.1) N/A	
2. 2. Explanation on Research Methodology 2.1) N/A	
3. 3. Analysis On Data Finding 3.1) N/A	
4. 4. Presentation of Data Analysis and Data findings 4.1) N/A	
5. 5. Initial Idea/Sketches 5.1) N/A	
6. 6. Progress Assessment: Idea Development 6.1) N/A	
7. 7. Sketches Presentation 7.1) N/A	
8. 8. Detailing on form and technical 8.1) N/A	
9. 9. Progress Assessment: Final Design / Idea 9.1) N/A	
10. 10. Selection final Design - Aesthetic Form and Styling 10.1) N/A	

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Design criteria	10%	CLO2
	Assignment	Design structure & documentation	10%	CLO2
	Assignment	Pre assessment	20%	CLO3
	Individual Project	Final Ass. (Planning next step & document process)	50%	CLO3
	Presentation	Presentation research analysis	10%	CLO1

Reading List	Reference Book Resources	<ul style="list-style-type: none"> • Stuart Macey, Geoff Wardle 2008, <i>H-Point, The Fundamental of Car Design & Pack</i>, Design Studio Press • Abidin, S.Z., Abdullah, M.H., & Yusof, Z 2013, <i>Seni Reka Perindustrian: daripada Idea kepada</i>, Dewan Bahasa dan Pustaka • Matt Marrocco & Adam Hubers 2011, <i>I Draw Cars</i>, Matt Marrocco • Akner-Koler, C 2000, <i>Three-dimensional visual analysis</i>, Reprint • Tovey, M., Porter, S., & Newman, R 2003, <i>Sketching, concept development and automotive</i>, Design Studies • Muller, W 2001, <i>Order and Meaning in Design</i>, LEMMA Publishers • Monf, R 1997, <i>Design for product understanding</i>, Liber • Norman, D.A 2004, <i>Emotional design: why we love (or hate) every</i>, Basic Books • Tovey, M 1992,). <i>Intuitive and objective process in automot</i>, Design Studies • Karjalainen, T. M 2004, <i>Semantic Transformation in Design: Communicat</i>, University of Art and Design Helsinki
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	