



UNIVERSITI TEKNOLOGI MARA

IDE562: TRANSPORT INDUSTRIAL PROJECT

Course Name (English)	TRANSPORT INDUSTRIAL PROJECT APPROVED
Course Code	IDE562
MQF Credit	2
Course Description	The course is designed as a course for Transport Innovation Design II with emphasis on form development. 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.
Teaching Methodologies	Lectures, Blended Learning, Lab Work, Studio, Demonstrations, Tutorial, Discussion, Presentation, Workshop, Small Group Sessions
CLO	CLO1 Construct a form development and use appropriate materials, tools and equipment. CLO2 Propose relevant processes in relation to element of aesthetics, ergonomics 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. INTRODUCTION & BRIEF ON RESEARCH	
2. RESEARCH METHODOLOGY	
3. RESEARCH PHASE I	
4. RESEARCH PHASE II	
5. RESEARCH PHASE III	
6. DESIGN PROCESS I	
7. PRODUCT STUDY	
8. DESIGN PROCESS II	
9. DESIGN PRESENTATION	
10. PRE-ASSESSMENT	
11. WORKSHOP OBSERVATION I	
12. WORKSHOP OBSERVATION II	
13. WORKSHOP OBSERVATION III	

Assessment Breakdown	%
Continuous Assessment	40.00%
Final Assessment	60.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	CRITIQUE SESSION I	10%	CLO1 , CLO2
	Assignment	CRITIQUE SESSION II	10%	CLO1 , CLO2
	Assignment	CRITIQUE SESSION III	10%	CLO1 , CLO2
	Assignment	CRITIQUE SESSION IV	10%	CLO1 , CLO2 , CLO3

Reading List	Reference Book Resources	<ul style="list-style-type: none"> • Stuart Macey, Geoff Wardle 2008, <i>H-Point, The Fundamental of Car</i>, Design Studio Press • Abidin, S.Z., Abdullah, M.H., & Yusof, Z 2013,). <i>Seni Reka Perindustrian: daripada Idea kep</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 • Warell, A 2001, <i>Design Syntactics: A Functional Approach to V</i>, Chalmers University of Technology • Muller, W 2001, <i>Order and Meaning in Design</i>, LEMMA Publishers • Mon¶, R 1997, <i>Design for product understanding</i>, Liber • Sch¶n, D 1983, <i>The Reflective Practitioner</i>, Temple-Smith • Sch¶n, D.A., & Wiggins, G 1992, <i>Kind of seeing and their functions in designi</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	