UNIVERSITI TEKNOLOGI MARA

IDT301: DIPLOMA PROJECT II

Course Name (English)	DIPLOMA PROJECT II APPROVED
Course Code	IDT301

MQF Credit	5

Course Description	This subject introduces students to designing products for specific purposes at a more advanced level, and builds on knowledge gained in the previous semester. At this more advance level, more emphasis will be put on the comprehension to understand the functional areas and phases involved in the design development, and delivery of technology and products from strategy and customer needs through conceptual design, modeling or prototyping, and selection material to manufacturing. Presentation skills are further developed with the execution off detailed models of product designs, and the use of computer skills for presentation and engineering drawing.

Transferable Skills	Provide the opportunity to develop a student's consideration of design, function, ergonomics, materials and technologies capability and in particular to encourage imagination, innovation and flair.

Teaching Methodologies	Lectures, Studio, Demonstrations, Workshop, Supervision

CLO		
	CLO1	Demonstrate a capability to research and explore the full range of issues to be considered in an industrial design project.
	CLO2	Describe design proposal through modeling, visual presentation, written and verbal means.
	CLO3	Produce detailed models and demonstrate proficiency in model-making techniques using various materials.

Pre-Requisite Courses	No course recommendations