UNIVERSITI TEKNOLOGI MARA

IDT251: DIPLOMA PROJECT I

Course Name (English)	DIPLOMA PROJECT I APPROVED
Course Code	IDT251

MQF Credit	4

Course Description	Students will be introduced to the basic skills in product development process, including: market and product research; determining customer needs; brainstorming; estimation; concept generation and development; design aesthetics; detailed design; written, visual, and oral communication. The lecture topics are to be carried out weekly will include an exercise to determine student understanding where students are expected to create new knowledge and foster problem-solving skills through creativity and the systematic application of design process.

Transferable Skills	• The course aims for students to become independent and problem solvers as individuals. • To develop their critical and analytical skills. • To enhance/expend students' skills in capturing and measuring customer needs, identify market opportunities and translating them into viable new product concepts.

Teaching Methodologies	Lectures, Studio, Demonstrations, Presentation, Workshop

CLO		
	CLO1	Apply the design processes in time frame given in order to generate better quality designs.
	CLO2	Analyze and produce a practical design research and technique.
	CLO3	Evaluate design problem and provide innovative and competitive design solution.

Pre-Requisite Courses	No course recommendations