



UNIVERSITI TEKNOLOGI MARA

IDT266: PRODUCT DESIGN I

Course Name (English)	PRODUCT DESIGN I APPROVED
Course Code	IDT266
MQF Credit	5
Course Description	The course is an intermediate level course designed for Industrial Design students that emphasis more on the comprehension of product feasibility. This course focuses on the product research process and applying the data given into the design and its functionality. The delivery of the subject is organised through case study and project exercises using reverse engineering approach. The proposed design project is based on the ergonomics, usability and practicality of proposed products. Students will find it easy to understand the background of each project before entrusting a proposed project as students can relate between form, function, components and technical basics. Students will become more innovative to develop user friendly product that is more challenging. Students are prepared for career readiness with employability skills that are often intergraded between academic and technical skill to build and maintain a successful in industry. Students can initiate their projects to be designed according to processes and required methods as learned through the semester.
Transferable Skills	Research, Data Finding & Analysis, Problem Solving, Writing and Communication.
Teaching Methodologies	Case Study, Presentation, Project-based Learning
CLO	CLO1 Demonstrate problem solving skills in form, function and mechanism to improve design through reverse engineering process. CLO2 Justify good product design through users to add consumer's demand value in marketplace. CLO3 Practice knowledge towards design usage and practicality in manufacturing process.
Pre-Requisite Courses	No course recommendations