



UNIVERSITI TEKNOLOGI MARA

IDT316: PRODUCT DESIGN II

<b>Course Name (English)</b>	PRODUCT DESIGN II <b>APPROVED</b>
<b>Course Code</b>	IDT316
<b>MQF Credit</b>	6
<b>Course Description</b>	<p>This course is designed to enhance students' ability to design and solve problems based on the given design themes. Students are considered to mastered the relevant technical skills while understand and practice suitable design processes. The students are required to perform basic research on secondary data and visualise the data using an image board (based on the topic and background studies, consumers and design context). Moreover, they will also learn to analyse the data using the analysis matrix on design trends, materials, and technologies. This final year student is deemed to be competent in the design process; from idea generations to fine mock-up constructions, able to propose solutions independently while demonstrating the ability to identify the right material usage methods to produce and recognise the potential towards market need which apparently in line with the manufacturing processes by the industries. Furthermore, students are also expected to illustrate the ability to communicate, present the ideas, discuss and propose the ideas among their peers. Moreover, students are expected to be competent in presenting their final ideas in 3D using any relevant software. It is hoping that the students have been equipped with the cognitive knowledge on theories, relevant practical and technical skills and soft skills which can match the industrial needs or the knowledge gathered can be further used as a basis for future academic or career development.</p>
<b>Transferable Skills</b>	Presentation and Communication, Basic Research, Basic Data Analysis, Writing, Documentation
<b>Teaching Methodologies</b>	Tutorial, Discussion, Presentation
<b>CLO</b>	<p>CLO1 Demonstrate the ability to design, develop and solve problems based on the given themes on environmental issues or relevant design problems</p> <p>CLO2 Report and document research materials using appropriate research and design methods</p> <p>CLO3 Demonstrate the ability to identify the design which has a potential to be manufactured which suit the consumer needs</p>
<b>Pre-Requisite Courses</b>	No course recommendations