UNIVERSITI TEKNOLOGI MARA

JMT664: METALWORK DESIGN OUTCOME

Course Name (English)	METALWORK DESIGN OUTCOME APPROVED
Course Code	JMT664

MQF Credit	4

Course Description	The course prepare the students to produce and present an outstanding portfolio of work comprising original and innovative design solution demonstrating efficiency in appropriate visualization methods, design application, materials, equipment, techniques and processes in a disciplined and responsible way.

Transferable Skills	students able to Display capabilities of organizing information on economic implications regarding development expenses, manufacturing costs, and selling price estimation from the activities of product development process, proposal for the final presentation and complete their thesis Business Plan draft after the final assessment.

Teaching Methodologies	Lectures, Blended Learning, Studio, Workshop, Supervision

CLO		
	CLO1	CO1 Display capabilities of organizing information on economic implications regarding development expenses, manufacturing costs, and selling price estimation from the activities of product development process. (C4)
	CLO2	CO2 Organize and defends their proposal for the final presentation of the product that will be reviewed by external assessor and industry representative, reviewing progress documentation of product development activities from level 1, level 2, level 3 and level 4 for evaluation. (A5)
	CLO3	CO3 Complete their thesis Business Plan draft after the final assessment. (P7)

Pre-Requisite Courses	No course recommendations

Reading List	Reference Book Resources	• Tim Mc Creight. 2006, *Design Language (Interpretive Edition),*
		• Bill Dresselhous 2000, *Return on Innovation*, Dresselhaus Design Group, USA
		• Kathryn Best, 2006, *Design Management: Managing Design Strategy,*
		• Laura Slack, 2006, *What Is Product Design?,*
		• Keith Smith. 2000, *Silversmithing: A Manual of Design and Techni* The Crowood Press. Ramsbury, Marlborough.
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	