



UNIVERSITI TEKNOLOGI MARA

IDT116: MATERIALS AND CONSTRUCTION OF MODELING

Course Name (English)	MATERIALS AND CONSTRUCTION OF MODELING APPROVED
Course Code	IDT116
MQF Credit	2
Course Description	This course is designed to expose the students to the model making process. In the course of industrial design, students should learn and have the skills and creativity in 2 dimensional form and 3 dimensional form. This course level aims to develop skills in model making process using a variety of materials, hand fabrication techniques, machines and tools. It will give students the opportunity to strengthen the model making skills in producing products / prototypes effectively and confidently. This course also includes analysing the physical features of different techniques, different materials, machines and tools used. At the end of this course, students should be able and capable to produce the product/prototypes using variety of materials, hand fabrication techniques, machine and tools.
Transferable Skills	Identify various material for model making process and different tools for different purposes by practice the standard procedure and technique in completing project.
Teaching Methodologies	Lectures, Demonstrations, Workshop
CLO	<p>CLO1 Identify various material for model making process and different tools for different purposes by practice the standard procedure and technique in completing project.</p> <p>CLO2 Select the suitable material and specific tools through model making process with appropriate technique.</p> <p>CLO3 Justify the process of model making technique with good understanding through various project with different material and tool usage.</p>
Pre-Requisite Courses	No course recommendations