UNIVERSITI TEKNOLOGI MARA
IDT165: COMPUTER AIDED INDUSTRIAL DESIGN I

Course Name (English)	COMPUTER AIDED INDUSTRIAL DESIGN I `APPROVED`
Course Code	IDT165

MQF Credit	1

Course Description	This course aims at introducing students to basic knowledge in digital 3D modeling and visualization. Students will learn about producing 3D modeling using computer-aided industrial design software. The design software is used in a wide variety of industries such as industrial design, CAD/CAM, rapid prototyping, reverse engineering, graphic design, and multimedia. In addition, the student will also learn how to create a 3D modeling and be rendering from technical drawing, sketches, real models, and written description by using a variety of 3D modeling methods. Apart from that, the student will be able to produce a high design using computer-aided industrial design as their tools to practice their design presentation.

Transferable Skills	3 D Modeling and Rendering using computer-aided

Teaching Methodologies	Demonstrations, Tutorial, Presentation

CLO	CLO1 Classify basic knowledge of digital 3D modeling in computer aided industrial design. CLO2 Construct 3D modeling through relevent techniques and technical constrain of software. CLO3 Practice knowledge of digital 3D modeling through 3D digital presentation.

Pre-Requisite Courses	No course recommendations