UNIVERSITI TEKNOLOGI MARA

JMD248: COMPUTER AIDED DESIGN INTERMEDIATE

Course Name (English)	COMPUTER AIDED DESIGN INTERMEDIATE APPROVED
Course Code	JMD248

MQF Credit	3

Course Description	The course is designed to help students to learn dimension, designing and rendering. Students will be equipped with the skills to solve drawing problems and execute drawings using drafting and design software. Students will also be introduced to isometric, 3D drawing and rendering in various scenes.

Transferable Skills	1. Critical thnking & problem solving 2. Life long learning

Teaching Methodologies	Lectures, Demonstrations, Practical Classes, Tutorial, Computer Aided Learning, Project-based Learning

CLO	
	CLO1 Recognize and identify the principal components of the 3-dimensional software user interface.
	CLO2 Utilize the 3-dimensional software for drafting and designing in accomplished 3-dimensional design rendering.
	CLO3 Manipulates tools and functions to construct 3D design rendering

Pre-Requisite Courses	No course recommendations

Reading List	Recommended Text	• **David Murray 2003, *Inside SolidWorks 2003*, Cengage Learning [ISBN: 1401805108]** • **David Planchard 2014, *Drawing and Detailing with SolidWorks 2014*, SDC Publications [ISBN: 1585038458]**
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	