



UNIVERSITI TEKNOLOGI MARA

JMC570: CAD / CAM

<b>Course Name (English)</b>	CAD / CAM <b>APPROVED</b>
<b>Course Code</b>	JMC570
<b>MQF Credit</b>	2
<b>Course Description</b>	The course offers the integration of computer aided design (CAD) and computer design modelling (CAM) software. It focuses the concept and the importance of CAD/CAM software application as part in jewellery and metalwork production process.
<b>Transferable Skills</b>	At the end of the course, student should be able to Illustrate CAD/CAM system's structure as a tool of design and its importance in designing and production process, Demonstrate advance CAD/CAM skills in design work to produce wireframe modeling and 3D rendering in idea development process, Organize the integration between CAD 2D and CAD 3D software skills to build up 3D prototyping in jewellery and metalwork production process.
<b>Teaching Methodologies</b>	Lectures, Blended Learning, Demonstrations, Practical Classes, Computer Aided Learning
<b>CLO</b>	CLO1 Illustrate knowledge of CAD/CAM system's as a tool of design and its importance in modeling production process. (C2) CLO2 Demonstrate intermediate CAD/CAM skills in design work to produce wireframe modeling and 3D rendering in idea development process. CLO3 Organize CAD 3D software skills to build up 3D prototyping in jewellery and metalwork production process
<b>Pre-Requisite Courses</b>	No course recommendations
<b>Reading List</b>	This Course does not have any book resources
<b>Article/Paper List</b>	This Course does not have any article/paper resources
<b>Other References</b>	This Course does not have any other resources