



UNIVERSITI TEKNOLOGI MARA

IDT619: TRANSPORT DESIGN FABRICATION AND PROTOTYPING

Course Name (English)	TRANSPORT DESIGN FABRICATION AND PROTOTYPING APPROVED
Course Code	IDT619
MQF Credit	2
Course Description	This course explores fabrication and prototyping process and technology in transport design that ultimately affect its feasibility. A series of lectures and assignment under the guidance allows students to translate theoretical issues into subject knowledge. Series of field trips or case studies allows students to see industry example of manufacturing and the selection of materials and processes involved.
Transferable Skills	To direct students to demonstrate competence in integrating theory and practice.
Teaching Methodologies	Lectures, Demonstrations, Tutorial, Workshop
CLO	<p>CLO1 Explore fabrication and prototyping in transport design in terms of materials, manufacturing and technology.</p> <p>CLO2 Demonstrate more informed design argument when choosing the best process and technology in their transport design specifications decisions and requirements</p> <p>CLO3 Practice knowledge gained by emulating the process to design projects as close possible to the proper technique and applications.</p> <p>CLO4 Relate transport design fabrication and prototyping to industry standards and requirements.</p>
Pre-Requisite Courses	No course recommendations