



UNIVERSITI TEKNOLOGI MARA

JMD121: TECHNICAL DRAWING

Course Name (English)	TECHNICAL DRAWING APPROVED	
Course Code	JMD121	
MQF Credit	3	
Course Description	This course is an introduction to a basic understanding of how to apply technical drawings. Students will experience working in auxiliaries, exploded views, isometric, oblique, perspectives, and other pictorial drawings.	
Transferable Skills	Life-long learning	
Teaching Methodologies	Lectures, Studio, Demonstrations, Practical Classes	
CLO	<p>CLO1 Understand basic knowledge of technical drawing in product design.</p> <p>CLO2 Constructs correct and accepted technical drawings as required by design specification.</p> <p>CLO3 Demonstrate technical problem-solving skills in technical drawing as related to materials and procedures.</p>	
Pre-Requisite Courses	No course recommendations	
Reading List	Recommended Text	<ul style="list-style-type: none"> • Mohd. Fadzil Daud, Khairul Anwar Hanafiah 2005, <i>Panduan asas lukisan kejuruteraan</i>, 2nd Ed., Penerbit UTM Malaysia [ISBN: 983-52-0381-4] • Henry Cecil Spencer, John Dygdon, James Novak 1995, <i>Basic Technical Drawing</i>, Glencoe/McGraw-Hill School Publishing Company [ISBN: 0026856603] • David L. Goetsch 2004, <i>Technical Drawing</i>, 3rd Ed., Cengage Learning [ISBN: 1401857604] • Frederick E. Giesecke 1999, <i>Principles of Technical Drawing</i>, Peachpit Press [ISBN: 0023437359] • 5. Smith, Douglas, Ramirez, Antonio, Fuller, Ashleigh. 2016, <i>Technical Drawing 101: Ka Multidisciplinary Guide to Drafting Theory and Practice with Video Instruction</i>, Sdc Pubns (GB) [ISBN: 9781630570415] • Bert Bielefeld, Isabella 2013, <i>Basic Technical Drawing</i>, Birkhauser [ISBN: 9783034613262] • Frederick Newton Willson 2015, <i>Practical Engineering Drawing and Third Angle Projection, For Students in Scientific, Technical and Manual Training Schools and for Draughtmen</i>, Andesite Press [ISBN: 9781298611758]
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	