



UNIVERSITI TEKNOLOGI MARA

TXD224: CAD : IMAGE MANIPULATION

<b>Course Name (English)</b>	CAD : IMAGE MANIPULATION <b>APPROVED</b>		
<b>Course Code</b>	TXD224		
<b>MQF Credit</b>	2		
<b>Course Description</b>	This course provides a comprehensive introduction to computer- aided design software. Student will learn to navigate and use the software to create basic textile designs. The course is designed to help student learn to 2 dimensional basic geometric and organic shapes, repeat patterns, colour swatches and pattern simulations. Students will also introduce to computer image/illustration manipulation techniques.		
<b>Transferable Skills</b>	1. Life- long learning skill on CAD: Image Manipulation		
<b>Teaching Methodologies</b>	Lectures, Demonstrations, Supervision, Project-based Learning		
<b>CLO</b>	CLO1 Apply fundamental knowledge of computer-aided design software for textile design. CLO2 Construct 2-D textile design using CAD: Image Manipulation. CLO3 Demonstrate autonomous learning in CAD: Image Manipulation project.		
<b>Pre-Requisite Courses</b>	No course recommendations		
<b>Reading List</b>	<table border="1"><tr><td><b>Recommended Text</b></td><td><ul style="list-style-type: none"><li>Eismann, Katrin, Palmer, Wayne, Dunbar, Dennis. 2017, <i>Adobe Photoshop Restoration &amp; Retouching</i>, New Riders [ISBN: 9780321701015]</li><li>Martin Evening 2016, <i>Adobe Photoshop CC for Photographers</i> , Focal Press [ISBN: 9781138690240]</li><li>Wang Shaoqiang 2017, <i>Design for Screen:Graphic Design Solution for Great User Experiences</i>, Promopress [ISBN: 9788416504565]</li><li>Scott Kelby 2016, <i>The Adobe Photoshop CC Book for Digital Photographers 2017</i> , New Riders Publishing [ISBN: 9780134545110]</li><li>Robert Hume 2016, <i>Fashion and Textile Design with Photoshop and Illustrator</i>, Bloomsbury Publishing [ISBN: 1472578759]</li></ul></td></tr></table>	<b>Recommended Text</b>	<ul style="list-style-type: none"><li>Eismann, Katrin, Palmer, Wayne, Dunbar, Dennis. 2017, <i>Adobe Photoshop Restoration &amp; Retouching</i>, New Riders [ISBN: 9780321701015]</li><li>Martin Evening 2016, <i>Adobe Photoshop CC for Photographers</i> , Focal Press [ISBN: 9781138690240]</li><li>Wang Shaoqiang 2017, <i>Design for Screen:Graphic Design Solution for Great User Experiences</i>, Promopress [ISBN: 9788416504565]</li><li>Scott Kelby 2016, <i>The Adobe Photoshop CC Book for Digital Photographers 2017</i> , New Riders Publishing [ISBN: 9780134545110]</li><li>Robert Hume 2016, <i>Fashion and Textile Design with Photoshop and Illustrator</i>, Bloomsbury Publishing [ISBN: 1472578759]</li></ul>
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<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		

