



UNIVERSITI TEKNOLOGI MARA

TXD224: CAD : IMAGE MANIPULATION

Course Name (English)	CAD : IMAGE MANIPULATION APPROVED	
Course Code	TXD224	
MQF Credit	2	
Course Description	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.	
Transferable Skills	1. Life- long learning skill on CAD: Image Manipulation	
Teaching Methodologies	Lectures, Demonstrations, Supervision, Project-based Learning	
CLO	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.	
Pre-Requisite Courses	No course recommendations	
Reading List	Recommended Text	<ul style="list-style-type: none">• Eismann, Katrin, Palmer, Wayne, Dunbar, Dennis. 2017, <i>Adobe Photoshop Restoration & Retouching</i>, New Riders [ISBN: 9780321701015]• Martin Evening 2016, <i>Adobe Photoshop CC for Photographers</i> , Focal Press [ISBN: 9781138690240]• Wang Shaoqiang 2017, <i>Design for Screen:Graphic Design Solution for Great User Experiences</i>, Promopress [ISBN: 9788416504565]• Scott Kelby 2016, <i>The Adobe Photoshop CC Book for Digital Photographers 2017</i> , New Riders Publishing [ISBN: 9780134545110]• Robert Hume 2016, <i>Fashion and Textile Design with Photoshop and Illustrator</i>, Bloomsbury Publishing [ISBN: 1472578759]
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	

