



UNIVERSITI TEKNOLOGI MARA

ADE403: SCREEN PRINTING

Course Name (English)	SCREEN PRINTING APPROVED
Course Code	ADE403
MQF Credit	3
Course Description	This course provides an introduction to the basic principle of screen printing. It helps student to understand the process, materials and also the application of screen printing. This course is design for hands-on exercises where the ability and creativity of the student plays important element to create good works
Transferable Skills	Communication research
Teaching Methodologies	Lectures, Workshop
CLO	CLO1 Identify basic process in screen printing. CLO2 Differentiate the substrates and suitability of screen printing ink. CLO3 Produce screen printing product based on job specification
Pre-Requisite Courses	No course recommendations
Topics	
1. An over view of screen printing 1.1) Screen Printing Global market. 1.2) Screen printing industry in Malaysia 1.3) Screen printing and competitors	
2. The important of screen frame 2.1) The important of screen frame, Size consideration 2.2) Such as wood, metal and aluminum. 2.3) The characteristic of frame materials.	
3. Modern synthetic screen mesh 3.1) Synthetic fiber such as :- Monofilament polyester, Multifilament polyester, 3.2) Nylon and metalize, stainless steel wire mash	
4. Tensioning procedures 4.1) Tensioning procedure and methods. 4.2) Measurement. Technique. 4.3) The application of tensioning Devices	
5. Technique of screen printing 5.1) Direct screen- open masking 5.2) Resist Printing 5.3) Wax, Shellac Paint etc	
6. Products of screen 6.1) Fabrics, non uniform fragile surfaces, electronic circuit boards, etc. 6.2) Paper, Card, Board 6.3) Corrugated Board	
7. Paper cutting method 7.1) Mesh tensioning. 7.2) Demo 7.3) Experiment- Image manipulation 7.4) Substrates for screen process	

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	n/a	20%	CLO1
	Assignment	n/a	20%	CLO2
	Assignment	n/a	20%	CLO2
	Assignment	n/a	40%	CLO3

Reading List	This Course does not have any book resources
Article/Paper List	This Course does not have any article/paper resources
Other References	This Course does not have any other resources