UNIVERSITI TEKNOLOGI MARA

EAD251: DIGITAL IMAGE MANIPULATION

Course Name (English)	DIGITAL IMAGE MANIPULATION APPROVED
Course Code	EAD251

MQF Credit	2

Course Description	This course will give an overview of major theories and application of the advancement of today's computer technology.The students will also develop their understanding and skills on how to operate the computer professionally.To equip students with the knowledge of producing manual Graphic Design process to digital process.

Transferable Skills	Software Skills (Image manipulating and tracing)

Teaching Methodologies	Lectures, Demonstrations, Tutorial

CLO	
	CLO1 Explain learning material, tool, software, and application for graphic design.
	CLO2 Establish of skills in using graphic software as the main media in generating desktop publishing.
	CLO3 Express design skills by producing a final graphic design.

Pre-Requisite Courses	No course recommendations

Topics
1. Week 1(Lesson 1) : Introduction 1.1) Course process and procedures, rules & regulations, materials preparation and method of assessment. 1.2) Introduction to computer technologies & application (scheme of work).
2. Week 2(Lesson 2) : Adobe Illustrator 2.1) Definitions, role, functions, hardware & software demonstration / workshop 2.2) Introduction to vector software
3. Week 3(cont Lesson 2) : Adobe Illustrator 3.1) Definitions, role, functions, hardware & software demonstration / workshop 3.2) Introduction to vector software (cont.) 3.3) Basic tools for vector softwares.
4. Week4(Lesson 3) : Adobe Photoshop 4.1) Image Manipulation (bitmap software) 4.2) Basic tools for image manipulation softwares.
5. Week5(Lesson 4) : Adobe Photoshop 5.1) Image manipulation softwares (tools & applications) 5.2) Computer system demonstration / workshop.
6. Week6(Lesson 4) : Adobe Photoshop 6.1) Introduction to Design & Digital Media
7. Week 7(Lesson 5) : Adobe Photoshop 7.1) Introduction to digital imaging and image manipulation 7.2) Image manipulation softwares (tools & applications)
8. Week 8(Lesson 6) : Adobe Photoshop 8.1) Utilizing computer and its tool for developing high-quality designs.
9. Week 9 (Lesson 7) : Adobe Photoshop & Illustrator 9.1) Exploiting software and hardware / application in design industry
10. Week 10(Lesson 8) : Adobe Photoshop 10.1) Knowledge of producing manual graphic design process to digital process 10.2) Image manipulation softwares (tools & applications)

11. Week 11(Lesson 8) : Adobe Photoshop 11.1) Knowledge of producing manual graphic design process to digital process 11.2) Image manipulation softwares (tools & applications)
12. Week 12(Lesson 9) : Project Consultations 12.1) (Project 1)
13. Week 13(Lesson 9) : Project Consultations 13.1) (Project 2)
14. Week 14 : Submission 14.1) SUBMISSION of PROJECT 1 & 2

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Project 1 – Students need to define learning material, tools, software, and application for graphic design in printed paper and presentation.	30%	CLO1
	Assignment	Project 2 - Students need to generate and produce graphic design layout using appropriate graphic design software.	30%	CLO2
	Assignment	Project 3 - Students need to apply the software and demonstrate the final design by producing a final graphic design.	40%	CLO3

Reading List	Recommended Text	**Armin Vit,Bryony Gomez Palacio 2009, *Graphic Design,Referenced: A Visual Guide to the Language,Applications,and History of Graphic Design*, Rockport Publishers**
		JanTholeInaar, Alston W.Purvis,Cees De Jong 2009, *Type: A Visual History of Typefaces and Graphic Styles*
	Reference Book Resources	**2005, *Adobe Photoshop CS 2 Classroom in a Book (Paperback)*, Adobe Press**
		2005, *Adobe Illustrator CS 2 Classroom in a Book (Paperback)*, Adobe Press
		2006, *Real World Adobe In Design CS 2 (Paperback)*, Peachpit Press
		2005, *Photoshop CS 2 :Top 100 Simplified Tips & Tricks (Paperback),Visual*, 2edition Ed.
		RobinLanda,Delmar Cengage 2005, *Graphic Design Solutions,Third Edition(Paperback)*
		NancySkolos,Tom Wedell 2006, *Type,Image,Message:A Graphic Design Layout Workshop*, Rockport Publishers
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	