



GOVERNMENT OF TAMILNADU
DIRECTORATE OF TECHNICAL EDUCATION, CHENNAI
STATE PROJECT COORDINATION UNIT
(Established under Canada India Institutional Cooperation Project)

CURRICULUM

Course Name	MULTIMEDIA USING PHOTOSHOP
Course Code	CSE/2020/030
Course Duration	60 Hours
Minimum Eligibility Criteria and Pre-requisites(if any)	ITI/10 th /+2/Diploma/Graduates Basics knowledge of computer operations and creative ideas
Course Objectives	Training module has been designed to <ul style="list-style-type: none"> • Get acquainted with Photoshop • Know the basics image manipulation, color basics • Mask And Channels • Get familiarise with Painting and brush tools • Know about Masking, selections, filling and stroking • Use text and drawing manipulating images
Course Outcomes	<ul style="list-style-type: none"> • The student will able to learn the various photo editing features and animation techniques and demonstrate proficiency in developing the multimedia presentations.
Expected Job Roles	Visual effects Designer, Graphics Designer

TEACHING AND SCHEME OF EXAMINATION

Course Code	Course Name	Hours	Assessment Marks		Duration of Examination
			Min	Max	
CSE/2020/030	Multimedia using Photoshop	Theory	25	10	3 Hours
		Practical	35	40	
		Total	60	50	

CSE/2020/030 - MULTIMEDIA USING PHOTOSHOP**DETAILED SYLLABUS**

UNIT NO	MODULES	NO.OF.HOURS THEORY
I	INTRODUCTION	
	Getting acquainted with Photoshop – Basics image manipulation – color basics	6
II	TOOL BOX	
	Painting tools- Brush tools- Brush setting – Making selections – Filling and stroking –pen tool – point tool	7
III	LAYER AND TEXT	
	Creating Layer and Layer set – Lock Layer – Layer style – Masking Layer – Text Basics – applying effects	6
IV	MASK AND CHANNELS	
	Working with mask and Channels – Creating Quick Mask - Layer Mask, Vector Mask Merge Layers, Flatten all layers Matting- 3d object creation	6
Total Theory Hours		25
Total Practical Hours		35
Total Hours		60

PRACTICALS (35 Hrs)

1. Creating a visiting card by using Proper tools using Photoshop
2. Convert a color photo to black and white photo.
3. Create a cover page for a Textbook.
4. Design a Passport size Photo on a Max size Paper.
5. Draw a Tool box in Photoshop using a proper Tools.
6. Import two Pictures, one that of sea and another of clouds, Morph, Merge and Overlap the image.
7. Create a Text on one layer ; Format the text with suitable size, colour and style. With the help of another layer, position a spotlight on the text and move the spotlight from the left to right .
8. Create a virtual Dram with sticks. Apply suitable visual and sound effect to them.
9. Scaling and rotating an image using proper tools..
10. Create a Photo Album using proper tools of Photoshop.

HARDWARE REQUIREMENT

S.NO	LIST OF TOOLS /EQUIPMENTS
1	Desktop /Laptop computers

SOFTWARE REQUIREMENT

S.NO	LIST OF SOFTWARE
1	Adobe Photoshop cs6

REFERENCE BOOKS

S.NO	NAME OF THE BOOK	AUTHOR	PUBLISHER
1.	Adobe Photoshop CC for Photographers: 2016 Edition — Version 2015.5 1st Edition	Martin Evening	---

ASSESSMENT AND CERTIFICATION

S.No	Criteria for assessment
1.	A trainee will be assessed based on the performance in End Examination for Theory and Practical conducted internally in the Project Polytechnic College for a duration of 3 hours
2.	A trainee must have 75% of attendance to appear for End examination in Theory and Practical.
3.	The assessment for theory part will be based on the marks scored in the end examination on the knowledge bank of questions (1 word/objective type questions)
4.	The assessment for practical part will be based on the marks scored in the end examination conducted by the Project Polytechnic and assessed by the Examiners approved by Strategic Plan Implementation Committee (SPIC) of the project polytechnic.
5.	The criteria for successful completion of training is every trainee should score 50% of marks in theory and practical examination.
6.	On successful completion of training , Certificate will be issued to the participants by the Directorate of Technical Education through the Project Polytechnic.

END EXAMINATION

ALLOCATION OF MARKS

S.No	Description	Max.Marks
1.	Theory Examination	20
2.	Practical Examination	
	a)Procedure	10
	b)Execution	30
	c)Output	20
	d)Record	20
Total Marks		100

THEORY MODEL QUESTION PAPER

CSE/2020/030 – MULTIMEDIA USING PHOTOSHOP

(Maximum Marks : 20)

(N.B: Answer any **twenty** questions)

20 x 1 = 20 Marks

1. Which color mode is used for printing?
2. What is Gradient in Photoshop?
3. What are the Photoshop's work areas?
4. List any four tools in Photoshop toolbox?
5. What are shortcut keys to invert your selection on Windows and Mac?
6. What is the key to draw straight line horizontal, vertical, tilt angle 45 degrees with Pen Tool ?
7. List out any five kinds of layers offers in Photoshop?
8. What is a Lasso tool?
9. What a brush tool does?
10. Which types of graphics are made of pixels?
11. How do select a channel in Photoshop?
12. What is mask work in Photoshop?
13. What does the eye dropper tool do?
14. What is "Layers" in Photoshop?
15. "Could not complete your request because the layer is locked" Why would you get this pop up?
16. In Photoshop, which palette contains important information such as image size, the tool being used, etc.?
17. How many channels can an image have?
18. What is custom shape tool?
19. How do you use the custom shape tool?
20. Why using clipping path with pen tool?
21. Which layer blend mode lightens the image by decreasing its contrast?
22. How do we merge two adjacent layers or groups by in Photoshop?
23. What are the parameters to change the size of image?
24. What does Healing tool in photoshop?
25. What is the use of quick mask button in image window?