LESSON PLAN

Multimedia (Photoshop, Flash & ActionScript)

Instructor Name	Vikas Singh Rajput
Session	Jan – Jun 2025
Semester	6th
Number of class planned	40 Hours

Unit–1: Elements of Design & Image Basics (8 Hours)

Lecture No.	Unit No.	Topic to be Covered
1	1	Graphic Basics: Bitmap vs Vector Graphics
2	1	Color/Bit Depth and Image Resolution
3	1	Selection Tools, Floating Selection, Tone & Opacity
4	1	Color Modes: RGB, CMYK, Grayscale
5	1	Hue, Saturation, Brightness, Browser Safe Colors
6	1	Photoshop Interface, Tools & Palettes
7	1	Creating, Saving, Import/Export Images, Basic Editing
8	1	Transforms: Move, Rotate, Scale, Skew, Distort, Flip

Unit–2: Photoshop Tools & Image Editing (8 Hours)

Lecture No.	Unit No.	Topic to be Covered
9	2	Marquee, Lasso, Magic Wand Tools
10	2	Crop, Slice, Move, Brush & Eraser Tools
11	2	Healing Brush, Clone Stamp, Gradient, Blur/Sharpen
12	2	Layers: Creating, Naming, Deleting
13	2	Layer Modes, Opacity, Merging Layers
14	2	Photo Restoration & Enhancement
15	2	Color Correction: Levels, Curves, Hue/Saturation
16	2	Text Editing & Special Effects

Unit–3: Fundamentals of Flash (8 Hours)

Lecture No.	Unit No.	Topic to be Covered
17	3	Flash Environment & Interface
18	3	Stage, Timeline, Frames & Keyframes
19	3	Drawing & Selection Tools

20	3	Shapes and Object Editing
21	3	Colors & Gradients
22	3	Text Tool & Formatting
23	3	Importing Multimedia
24	3	Frame Rate & Animation Concepts

Unit–4: Symbols & Animation (8 Hours)

Lecture No.	Unit No.	Topic to be Covered
25	4	Layers & Layer Management
26	4	Scenes & Frame Labels
27	4	Symbols & Instances
28	4	Button Symbols
29	4	Keyframe Animation
30	4	Frame-by-Frame Animation
31	4	Motion & Shape Tweening
32	4	Guide Layers & Animation Effects

Unit–5: Introduction to ActionScript (8 Hours)

Lecture No.	Unit No.	Topic to be Covered
33	5	Introduction to ActionScript
34	5	Action Panel & Basic Coding
35	5	Controlling Timeline
36	5	Loops (For, While, Do-While)
37	5	Variables & Arrays
38	5	Movie Clip Properties
39	5	Working with Text
40	5	Practical / Mini Project