

Learning Adobe Photoshop CS4

Module 1 Contents

Chapter 1: Introduction to Photoshop

Loading Photoshop	1-1
The Tools Panel	1-2
Using the Tools	1-3
The Panel Group	1-5
Layers	1-6
Loading a Sample File	1-6
Looking at the Layers	1-7
Layer Visibility	1-8
Locking Layers	1-9
Naming Layers	1-10
Deleting Layers	1-11
Adding a New Layer	1-12
The Layer Order	1-14
Layer Opacity	1-15
Screen Views	1-16
The Zoom Tool	1-18
The Hand Tool	1-19
Photoshop Workspaces	1-20
Photoshop Assignment 1	1-22

Chapter 2: Selecting Parts of Images

Loading a Sample Image	2-1
The Editing Tools	2-2
The Edit Marquee	2-2
The Rectangular Marquee Tool	2-2
The Elliptical Marquee Tool	2-3
Deselecting Objects	2-4
The Lasso Tools	2-5
The Lasso Tool	2-5
The Polygon Lasso Tool	2-6

The Quick Selection Tool.....	2-8
Selecting the Cat	2-8
Adjusting the Selection	2-10
Fine-Tuning the selection	2-11
Refining the Edges.....	2-12
Feathering the Selection.....	2-15
Adding the Image to a Background	2-16
Resizing Images	2-17
Saving the Document.....	2-18
The Magic Wand Tool	2-19
The Quick Mask Tool.....	2-22
Step Backwards and Step Forwards.....	2-25
Photoshop Assignment 2.....	2-26

Chapter 3: Modifying Images

Selecting the Correct Layer.....	3-1
The Liquify Filter.....	3-1
The Hand Tool.....	3-2
The Forward Warp Tool	3-3
The Reconstruction Tool.....	3-5
Twirling	3-5
The Pucker Tool.....	3-6
The Bloat Tool	3-7
The Push Left Tool.....	3-8
The Mirror Tool	3-9
The Freeze Mask Tool.....	3-9
Turbulence.....	3-10
Completing the Liquify Effect	3-11
The Filter Gallery.....	3-12
Artistic and Brush Stroke Filters.....	3-12
Undoing an Effect	3-13
Distort	3-14
Sketch	3-15
Stylise	3-15
Texture	3-16
Styles.....	3-16
Photoshop Assignment 3.....	3-18

Chapter 4: Drawing Shapes

Starting a Blank Document.....	4-1
Drawing Normal Shapes.....	4-1
Drawing Rectangles.....	4-1
Rectangle Styles.....	4-2
Creating Buttons.....	4-5
Creating a Rollover Button.....	4-7
Removing Styles and Effects.....	4-8
Custom Shapes.....	4-9
Selecting a Shape.....	4-9
Other Custom Shapes.....	4-11
The Freeform Pen Tool.....	4-12
Creating Custom Borders or Frames.....	4-13
Creating a Frame.....	4-13
Adjusting the Frame.....	4-15
Adding a Picture to the Frame.....	4-15
Collapsing Layer Styles.....	4-17
Photoshop Assignment 4.....	4-18

Chapter 5: Adjusting Shapes

Starting a New Document.....	5-1
Creating a Combined Shape.....	5-1
Drawing a Rectangle.....	5-1
Cutting a Shape Out of the Rectangle.....	5-2
Adding Shapes to Shapes.....	5-3
Subtracting From the Shape.....	5-4
Intersecting Shapes.....	5-4
Photoshop Exercise 5-1.....	5-5
Using Shapes With Photographs.....	5-6
Loading the Image.....	5-6
Magnifying the Cat's Head.....	5-6
Adding the Shapes.....	5-7
Excluding Part of the Oval.....	5-8
Adding to the Magnifying Glass.....	5-9
Photoshop Assignment 5.....	5-11

Chapter 6: Adding Text to Designs

Starting a New Document.....	6-1
Entering Text	6-1
Altering Text	6-2
Warping Text	6-3
Single Arced Text	6-3
Multiple Arcs	6-6
Three-Dimensional Effects.....	6-6
Text Orientation.....	6-7
Vertical Text.....	6-7
Adding Styles to Text.....	6-8
Typing Text Along a Path	6-10
Moving Text on a Path	6-12
The Character and Paragraph Panels	6-13
Creating a Poster.....	6-14
Entering the Main Heading	6-14
Adjusting the Main Heading.....	6-16
Entering the Sub Headings	6-17
Looking at the Layers	6-19
Printing.....	6-19
Photoshop Assignment 6.....	6-21

Chapter 7: Adjusting the Look of Images

Loading a Sample File.....	7-1
The Blur Tool.....	7-1
The Sharpen Tool.....	7-2
The Smudge Tool.....	7-3
The Sponge Tool	7-4
The Burn Tool	7-5
The Dodge Tool	7-7
Gradient Fills.....	7-9
The Gradient Settings.....	7-9
Applying the Gradient.....	7-10
Removing Backgrounds	7-12
Colour Adjustment.....	7-13
Brightness/Contrast Adjustment Layers.....	7-14
Colour Balance Adjustment Layers.....	7-16
The Red Eye Removal Tool.....	7-18
Photoshop Assignment 7.....	7-20

Chapter 8: Combining Photographs

Photomerging	8-1
Selecting the Photographs.....	8-1
Looking at the Photos	8-3
Adjusting the Alignment.....	8-4
Changing the Layout.....	8-4
Cropping an Image.....	8-5
Photoshop Assignment 8.....	8-7

Chapter 9: Creating Masks

Creating a Transparent Layer.....	9-1
Drawing the Mask Shape.....	9-2
Adding a Background File	9-3
Adjusting the Mask.....	9-5
Other Masks.....	9-5
Creating the Mask Shape	9-5
Inserting a Photo.....	9-7
Creating the Mask.....	9-8
Enhancing the Mask.....	9-9
Using the Masks Panel.....	9-11
Opening the Image	9-11
Creating the Mask.....	9-11
Completing the Mask.....	9-12
Photoshop Assignment 9.....	9-15

Chapter 10: Creating 3D Shapes

Starting a New Document.....	10-1
Creating Shapes	10-1
Setting the Layer	10-1
Converting the Layer to a 3D Shape	10-2
Adding Text to 3D Shapes	10-3
Adding Photos to 3D Shapes	10-5

Creating a 3D Shape.....	10-5
Setting the Background.....	10-5
Creating the Layer.....	10-7
Adding a Number to the Ball.....	10-8
Distorting the Number.....	10-9
Creating the Sphere.....	10-10
Adjusting the 3D Effect.....	10-11
Resizing the Ball.....	10-12
Duplicating the Ball.....	10-13
Creating 3D Posters.....	10-14
Adjusting the First Photo.....	10-14
Adding a Bevel Effect.....	10-14
Adding Another Image.....	10-15
Applying a 3D Effect.....	10-16
Photoshop Assignment 10.....	10-17

Chapter 11: Saving Files

Saving a Copy of a File.....	11-1
Saving as a JPEG Format.....	11-2
Saving Images for the Web.....	11-3
Saving for the Web.....	11-3
JPEG or GIF Formats.....	11-4
Setting the Size of the Photograph.....	11-4
Compression Settings.....	11-5
Optimizing the File Size.....	11-7
Previewing in a Browser.....	11-8
Saving.....	11-9
Saving Layers.....	11-10
Adding Some Text to the Image.....	11-10
Saving the Layers.....	11-11

Photoshop Project 1

Investigating the Problem.....	P1-1
Designing the Solution.....	P1-1
The Solution.....	P1-1
Evaluation.....	P1-2

Module 2 Contents

Chapter 12: Patches and Healing Brushes

The Patch Tool.....	12-1
Loading the Image	12-1
Using the Patch Tool	12-2
The Healing Brush Tools.....	12-3
The Spot Healing Brush Tool	12-3
The Healing Brush Tool	12-5
Photoshop Assignment 12.....	12-8

Chapter 13: Cloning Images

The Clone Stamp Tool.....	13-1
Loading the Image	13-1
The Clone Stamp Settings	13-2
Cloning	13-3
Unaligned Cloning.....	13-6
Removing the Cat.....	13-7
Cropping Images.....	13-9
Photoshop Assignment 13.....	13-12

Chapter 14: Applying Filters

Loading the Sample Photo	14-1
Selecting the Background	14-1
Selecting the Car	14-1
Refining the Edges.....	14-3
Inversing the Selection	14-4
Applying a Gaussian Blur.....	14-4
Motion Blurs	14-5
Applying Filters on the Car.....	14-6
The Reduce Noise Filter	14-7
Sharpen Filters	14-8
Smart Filters.....	14-9
Turning Smart Filters On.....	14-9
Applying a Lighting Effect Filter	14-10
Editing the Filter	14-11
Photoshop Assignment 14.....	14-12

Chapter 15: Adjustment Layers

Exposure layers.....	15-1
Loading the Sample Photo.....	15-1
Inserting the Exposure Layer.....	15-1
Displaying Part of the Background Layer.....	15-3
Adjusting the Exposure.....	15-5
Levels Layers.....	15-6
Loading the Sample Photo.....	15-6
Inserting the Levels Layer.....	15-7
Applying Multiple Layers.....	15-8
Loading the Sample Photo.....	15-8
Inserting a Brightness/Contrast Layer.....	15-9
Setting a Black & White Layer.....	15-10
Colourizing the Face.....	15-11
Inserting a Fill Layer.....	15-12
Photoshop Assignment 15.....	15-14

Chapter 16: Advanced Layer Uses

Loading the Image.....	16-1
Blurring the Image.....	16-2
Adding a Mask to the Layer.....	16-3
Sharpening the Important Features.....	16-4
Merging Layers.....	16-5
Creating a Duplicate Layer.....	16-5
Enhancing the Eyes and Teeth.....	16-6
Selecting the White Eye Area.....	16-6
Enhancing the White Area.....	16-7
Enhancing the White in the Right Eye.....	16-8
Whitening the Teeth.....	16-9
Merging the Layers.....	16-10
Setting the Eye Colour to Blue.....	16-11
Highlighting the Pupils.....	16-13
Setting the Eyes Behind the Eye Sockets.....	16-14
Looking at the Original Face.....	16-16
Photoshop Assignment 16.....	16-17

Chapter 17: Working With Perspective

Straightening an Image	17-1
Loading the Sample Photo.....	17-1
Applying the Ruler Tool	17-1
Lens Correction	17-3
Loading the Sample Photo.....	17-3
Applying the Lens Correction Filter.....	17-4
Adjusting the Vertical Perspective.....	17-5
Interesting Lens Correction Effects.....	17-7
The Vanishing Point Filter	17-9
Loading the Sample Photo.....	17-9
Selecting the Source Plane.....	17-10
Selecting the Vanishing Point.....	17-13
Cloning the Window	17-14
Enhancing Shadows	17-15
Photoshop Assignment 17.....	17-17

Chapter 18: Colour Adjustments

Match Colour.....	18-1
Loading the Sample Photo.....	18-1
Using the Match Colour Dialogue Box	18-2
The Vibrance Tool	18-3
Loading the Sample Photo.....	18-3
Using the Vibrance Layer.....	18-3
The Curves Tool	18-4
Loading the Sample Photo.....	18-4
Inserting the Curves Layer.....	18-4
Setting Target Values	18-7
Selecting the Colours in the Image	18-9
Accurately Selecting Colours.....	18-11
Photoshop Exercise 18-1.....	18-13
Photoshop Assignment 18.....	18-14

Chapter 19: Applying Artistic Filters

Starting a New Document.....	19-1
Setting the Background	19-2
Creating the Ocean.....	19-3
Adding Perspective to the Ocean.....	19-5
Adding the Ship	19-7
Resizing the Ship	19-7
Adding Some Land to the Sketch.....	19-8
Copying the Land.....	19-8
Blurring the Image.....	19-9
Adjusting the Land.....	19-10
Creating the Port Hole	19-11
Drawing the Port Hole.....	19-11
Adding 3-D Effects.....	19-13
Adjusting the Port Hole.....	19-14
Photoshop Assignment 19.....	19-16

Chapter 20: Animations

Time Lapse Photography	20-1
Loading the Sample Photo.....	20-1
Creating the Layers.....	20-1
Opening the Video Workspace.....	20-4
Tweening.....	20-7
Adjusting the Time Delay.....	20-9
Copying Frames.....	20-10
Saving as QuickTime Movie.....	20-12
Creating Animated GIFs	20-14
Starting a New Document	20-14
Entering the Text	20-14
Setting the Text as a Selection	20-15
Creating the First Colour Layer.....	20-15
Adding a Gradient Fill.....	20-16
Creating the Second Colour Layer	20-18
Creating the Third Colour Layer.....	20-19
Creating the Fourth Colour Layer.....	20-20
Animating the Logo	20-21
Saving.....	20-23
Photoshop Exercise 20-1.....	20-25
Photoshop Assignment 20.....	20-26

Chapter 21: The History Panel and History Brush

Using the History Panel	21-1
Loading the Sample Photo	21-1
Altering the Photo	21-2
Looking at the History Panel.....	21-6
Returning to Previous States.....	21-6
Removing Individual States	21-7
Taking Snapshots	21-9
Creating Documents at States.....	21-10
Adding New Steps to a Document	21-11
The History Brushes	21-14
Photoshop Assignment 21.....	21-15

Chapter 22: Useful Tools

The Magnetic Lasso Tool.....	22-1
Loading the Sample Photo	22-1
Selecting the Cat	22-2
Adjusting the Selection	22-4
Refining Edges	22-6
Removing the Background.....	22-6
Replacing Colours	22-7
The Replace Colour Dialogue Box.....	22-7
The Colour Replacement Tool	22-11
Resizing an Image	22-12
Canvas Size	22-13
The Content Aware Scale Tool	22-14
Photoshop Assignment 22.....	22-16

Photoshop Project 2

Investigation	P2-1
Planning.....	P2-1
Solution.....	P2-1
Evaluation.....	P2-1
Data	P2-2

Module 3 Contents

Chapter 23: Creating Reflections

Loading the Sample Image.....	23-1
Creating the Background.....	23-2
Creating the Background Layer	23-2
Setting a Gradient Fill	23-2
Setting the Reflection	23-4
Duplicating the Cards Layer	23-4
Flipping the Cards.....	23-4
Applying the Reflection Gradient	23-6
Adding a Table	23-8
Photoshop Assignment 23.....	23-10

Chapter 24: Creating 3D Styles

Starting a New Document.....	24-1
Drawing the Custom Shape.....	24-2
Selecting the Colour.....	24-3
Filling the Object	24-4
Creating the 3D Styles	24-5
Opening the Blending Options.....	24-5
Setting the Drop Shadow Style.....	24-6
Setting the Inner Shadow Style	24-7
Setting the Outer Glow Style	24-8
Setting the Inner Glow Style	24-9
Setting the Bevel and Emboss Style.....	24-10
Saving the Style.....	24-13
Applying the Style.....	24-13
Applying the Style to Objects.....	24-13
Applying the Style to Text.....	24-15
Scale Effects	24-16
Photoshop Assignment 24.....	24-16

Chapter 25: Graffiti on a Brick Wall

Starting a New Document.....	25-1
Creating the Brick Wall.....	25-2
Setting the Gradient Colours.....	25-2
Adding the Brick Texture.....	25-4
Selecting the Lighting.....	25-4
Fading the Lighting Effects.....	25-5
Adding the Graffiti.....	25-6
Entering the Text.....	25-6
Liquifying the Text.....	25-8
Adding Some Effects to the Text.....	25-9
Photoshop Assignment 25.....	25-12

Chapter 26: Graffiti on a Building

Starting a New Document.....	26-1
Entering Some Text.....	26-2
Warping the Text.....	26-3
Loading the Photograph.....	26-3
Inserting the Warped Text.....	26-4
Setting the Vanishing Point.....	26-5
Starting a New layer.....	26-5
Copying the Text.....	26-6
Setting the Vanishing Point Text.....	26-7
Adjusting the Text.....	26-8
Adding Some 3D Effects.....	26-9
Setting the Text Behind Objects.....	26-11
Selecting the Area.....	26-11
Selecting a Channel.....	26-13
Selecting Just the Snow and Branches.....	26-15
Placing the Selection in a Layer.....	26-17
Completing the Selection.....	26-18
Photoshop Assignment 26.....	26-20

Chapter 27: Creating Balls and Spheres

Starting a New Document.....	27-1
Filling the Layer	27-2
Creating the Lighting and Reflection Effects.....	27-2
Completing the Effect.....	27-3
Copying the Effect.....	27-5
Starting a New Document.....	27-6
Changing the Ball Colour.....	27-7
Adding a Shadow	27-8
Adding a Background	27-10
Linking Layers.....	27-11
Copying the Ball.....	27-12
Photoshop Assignment 27.....	27-16

Chapter 28: Creating Accurate Shapes

Starting a New Document.....	28-1
Setting the Ruler and Grid Units	28-2
Turning on the Rulers and Grid	28-3
Setting Guide Lines.....	28-3
Creating the Front of the Box.....	28-5
Setting a Green Rectangle	28-5
Adding Highlights to the Front.....	28-7
Copying the Highlight.....	28-8
Creating the Side of the Box.....	28-9
Adding an Image to the Front	28-10
Adding the Text.....	28-11
Inserting the Front Text.....	28-11
Creating the Side Text	28-13
Saving a Copy of the File.....	28-14
Merging the Layers	28-14
Creating the Three Dimensional Effect.....	28-16
Adjusting the Front Rectangle	28-16
Adjusting the Side Rectangle	28-16
Checking the Box.....	28-18
Extension Activity.....	28-19
Photoshop Assignment 28.....	28-20

Chapter 29: Creative Text Effects

Starting a New Document.....	29-1
Entering the Text.....	29-2
Adding a Three Dimensional Effect.....	29-3
Adding a Drop Shadow.....	29-3
Adding a Bevel.....	29-4
Creating a Reflection.....	29-4
Copying the Text Layer.....	29-4
Transforming the Reflection.....	29-5
Adding a Gradient Overlay.....	29-7
Adding a Blur.....	29-8
Adding Some Lighting Effects.....	29-9
Photoshop Assignment 29.....	29-12

Chapter 30: Displacing Images

Loading the Images.....	30-1
The Flag Image.....	30-1
The Curved Image.....	30-2
Removing Colour From the Curved Image.....	30-3
Displacing the Flag Image.....	30-3
Improving the Displacement.....	30-5
Displaying the Flag Image.....	30-6
Adjusting the Flag Colour.....	30-7
Cropping the Image.....	30-7
Photoshop Assignment 30.....	30-9

Chapter 31: Using Blurs in Animations

Creating the Layers.....	31-1
Loading the Background Layer.....	31-1
Adding the Car Layer.....	31-2
Adding the Text Layer.....	31-3
Creating the Blur Layers.....	31-4
Blurring the Text.....	31-4
Blurring the Car.....	31-5
Blurring the Background.....	31-6
Saving the Document.....	31-7

Creating the Animation.....	31-7
Setting the Keyframes.....	31-7
Setting the Timing.....	31-10
Setting the Tween Frames.....	31-10
Exporting to a QuickTime File.....	31-13
Extension Activity.....	31-13
Photoshop Assignment 31.....	31-14

Chapter 32: Timeline Animations

Creating Bouncing Icons.....	32-1
Loading the Prepared file.....	32-1
Opening the Animation Panel.....	32-2
Setting the Animation Duration.....	32-3
Animating the Green Ball.....	32-3
Saving the Animation.....	32-6
Photoshop Exercise 32.....	32-7
Animating Masks.....	32-7
Loading the Prepared Image.....	32-7
Creating the Mask.....	32-8
Inversing the Exposure.....	32-9
Animating the Mask.....	32-10
Photoshop Assignment 32.....	32-14

Chapter 21: Animating 3D Objects

Starting a New Document.....	33-1
Creating the Planet.....	33-1
Animating the Sphere.....	33-3
Setting the Animation Start Position.....	33-3
Setting the Animation End Position.....	33-5
Creating the Background.....	33-6
Photoshop Assignment 33.....	33-8