# DIGITAL ART BESIGN with ADOBE CREATIVE CLOUD

SECOND EDITION

**XTINE BURROUGH** 

## OF DIGITAL ART S DESIGN with

ADOBE CREATIVE CLOUD





## Foundations of Digital Art and Design with Adobe Creative Cloud

### **Table of Contents**

Cover

Title Page

Copyright Page

Acknowledgements

Contents

Introduction

SECTION 1: BITS, PIXELS, VECTORS, AND DESIGN

CHAPTER 1: THE DOT, THE PATH, AND THE PIXEL

Paths and Vector Graphics

Pixels and Bitmap Graphics

### **Exercises**

- 1. File Presets in Illustrator
- 2. Shapes, Fills, and Strokes
- 3. Figure and Ground with Repeated Dots

Screencast 11: The Pattern Brush

- 4. Grouping and Alignment
- 5. A Figure and Ground or On and Off Study

Lab Challenge

### **CHAPTER 2: DRAWING EXPRESSIVE LINES**

Saving and Sharing Files

### Exercises

- 1. Place and Lock an Image
- 2. Understand Layers
- 3. Create Lines with the Pencil Tool



- 4. Duplicate the Composition
- 5. Add a Gradient Background
- 6. Create Depth with Contrasting Values

Screencast 21: Add the Swoosh at the Horizon

7. Use Master Files and Shared Files

Lab Challenge

### **CHAPTER 3: MODIFY BASIC SHAPES**

Signs and Logos

**Vector Curves** 

### **Exercises**

- 1. Create a Document with One Artboard and Set Guides
- 2. Combining Shapes
- 3. Duplicate the Artboard and Add Anchor Points
- 4. Convert Anchor Points from Straight Edges to Curves

Screencast 31: Modify Paths with the Pen and Direct Selection Tools

- 5. Reflect and Copy a Shape
- 6. Save a Multi-page PDF

Lab Challenge

### **SECTION 2: DIGITAL PHOTOGRAPHY**

### CHAPTER 4: CREATING AND ORGANIZING DIGITAL PHOTOGRAPHS

Measuring Light

Rule of Thirds

Adobe Bridge

### Exercises

- 1. Camera Mechanics
- 2. Camera Settings
- 3. Bracketing
- 4. Before You Shoot
- 5. Rule of Thirds
- 6. Bridge Workspaces
- 7. Batch Rename

Screencast 41: Renaming and Ranking Files in Bridge



8. Generate a PDF to Showcase Your Files

### Lab Challenge

### **CHAPTER 5: RESOLUTION AND VALUE**

Redistributing and Resampling Pixels via Resolution

Value and the Tonal Range

Zone System Redux

### Exercises

- 1. Redistribute Pixels for Print Resolution
- 2. Resample Pixels for Screen Resolution
- 3. Analyze a Photograph Using the Zone System

Screencast 51: Use the Info Panel to Check Your Eye Against Image Data

4. Modify the Tonal Range with a Levels Adjustment Layer

### Lab Challenge

### **CHAPTER 6: COLOR MODELS**

Subtractive Processes

Additive Processes

### Exercises

- 1. Harmony in Rectangles with Adjustment Layers for Hue/Saturation
- 2. Simultaneous Contrast in Circles
- 3. Color Comparison
- 4. Color Correction with Adjustment Layers for Levels and Curves

Screencast 61: Applying Color to a Black-and-White Photograph

5. Color Correction in Adobe Lightroom Classic

### Lab Challenge

### SECTION 3: DIGITAL MANIPULATION AND FREE FAIR USE

### CHAPTER 7: REPAIRS AND HOAXES

Digital Repairs

Creating a Hoax

### Exercises

 Remove Dust and Heal JFKs Blemishes with the Develop panel in Adobe Lightroom Classic



2. JFKs Eyes: Tonal Repairs with Dodge and Burn

Screencast 71: Adding and Deleting within Selections

- 3. Its a Hoax! Adding an Extra Mummy Finger
- 4. Softening Cloned Edges

### Lab Challenge

### CHAPTER 8: SELECT, COPY, PASTE, COLLAGE

Precision Selecting with the Pen Tool

Non-destructive Editing

### **Exercises**

- 1. Set Up the Collage Workspace
- 2. Trace an Image Contour with the Pen Tool

Screencast 81: Tracing with the Pen Tool

- 3. Modify Paths
- 4. Convert a Path to a Selection to a Layer Mask
- 5. Scale, Adjust, and Organize
- 6. Copy a Layer to an Open Document
- 7. The Magic Wand
- 8. Select, Copy, Paste, Repeat

Screencast 82: Duplicate, Transform, Burn, Organize, and AdjustAnts in the Hand

### Lab Challenge

### CHAPTER 9: PROTOTYPING EXPERIENCES FOR MOBILE AUDIENCES

Screen Resolution

Getting Started with XD

### Exercises

- 1. Articulate the Design Challenge
- 2. Set Up Artboards
- 3. Additional Visual Design
- 4. Connect the Prototype Screen
- 5. Test and Share

### Lab Challenge

**SECTION 4: TYPOGRAPHY** 



### CHAPTER 10: TYPE AND IMAGE

Contrast and Rhythm

Text Boxes

Text Adjustments: Kerning and Leading

### **Exercises**

- 1. Define a Color Mode, then Place and Relink an Image
- 2. Add a Text Box
- 3. Resize and Kern Display Type
- 4. Replace Type with an Image
- 5. Add Vector Shapes to Frame the Composition
- 6. Final Design Adjustments

Screencast 101: Hiding Page Elements with a White Shape or a Clipping Mask

### Lab Challenge

### **CHAPTER 11: THE GRID**

Gestalt

Swiss International Style

Sentences and Paragraphs

### Exercises

- 1. Alternative Paper Sizes
- 2. Guides and the Grid
- 3. Create Your Own Virtual Leading Spacers
- 4. Using Your Virtual Leading
- 5. Placing Another Guide on the Grid

Screencast 111: Using the Grid

- 6. Use the Grid
- 7. Save a PDF with Trim Marks

Lab Challenge

### **CHAPTER 12: CONTINUITY**

The Gestalt Laws of Similarity and Continuity

0:00:00:00

Reading on the Screen

Inspiration Everywhere, Even Right at Home



### **Exercises**

1. Video Terminology and the Adobe Premiere Pro Workspace

Screencast 121: Create a New Premiere Pro Project and Import Media

2. Build a Composite Sequence with Images and Sound

Screencast 122: Exporting Still Images from a Sequence in the Timeline Panel and Import Files to a Bin

- 3. Adjusting Clips in the Timeline
- 4. Adding Effects and Sharing Attributes
- 5. Adding Type with Adobe Fonts
- 6. Working with Keyframes
- 7. Add New Tracks

Screencast 123: Modifying Keyframes

- 8. Your Turn!
- 9. Fade to Black and Export

Lab Challenge

### CODA: REVISION PRACTICES

Clear, Open Communication and Accessibility

Pencilbox Studios: Mission Hospital

riCardo Crespo: Hot Wheels and Standing Meetings Michael Demers: The Sky Is Falling (A Day in the Life)

The League of Imaginary Scientists: In League with an Institution

Jovenville: Boardstorming

Conclusion

### INDEX

### **BONUS CHAPTERS**

SECTION 5: EFFECTIVE WORK HABITS

**AUTOMATION** 

**PRINTING** 

**REVISION** 

**CHAPTER 13: AUTOMATION** 

ARTIFICIAL ARTIFICIAL INTELLIGENCE



READY, SET, ACTIONS!

**EXERCISE 1 CREATE AN ACTION** 

**EXERCISE 2 PLAY AN ACTION** 

**EXERCISE 3 BATCH RENAME REVISITED** 

**EXERCISE 4 FLOAT FILES IN WINDOWS** 

**EXERCISE 5 NONPROGRAMMABLE MODIFICATIONS** 

EXERCISE 6 WATCH THE SEQUENCE PLAY IN BRIDGE

LAB CHALLENGE

### **CHAPTER 14: PAGINATION AND PRINTING**

COLORS, RESOLUTION, AND CALIBRATION

PAGINATION AND BINDING

EXERCISE 1 REVISIT THE ACTIONS PANEL

EXERCISE 2 APPLY A BATCH ACTION FROM BRIDGE

EXERCISE 3 TWO OPTIONS FOR PRINTING AND BINDING

EXERCISE 3A OPTION A: SINGLE PAGES AND EASY BINDING

EXERCISE 3B OPTION B: PAGINATING FACING PAGES FOR A SADDLE-STITCHED BINDING

LAB CHALLENGE

