

## 2023





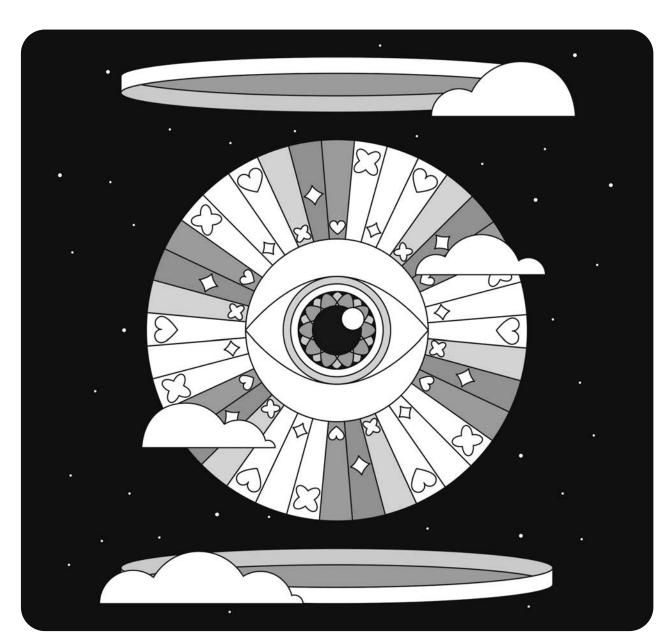
# Classroom in a Book®

The official training workbook from Adobe Brie Gyncild & Lisa Fridsma









# Classroom in a Book®

The official training workbook from Adobe Brie Gyncild & Lisa Fridsma

# Adobe After Effects Classroom in a Book (2023 release)

## **Table of Contents**

Cover

Title Page

Copyright Page

Contents

WHERE ARE THE LESSON FILES?

#### **GETTING STARTED**

About Classroom in a Book

Prerequisites

Installing After Effects, Bridge, and Media Encoder

Activating fonts

Optimizing performance

Restoring default preferences

Online content

How to use these lessons

Additional resources

Adobe Authorized Training Centers

#### 1 GETTING TO KNOW THE WORKFLOW

About the After Effects work area

Getting started

Creating a project and importing footage

Creating a composition and arranging layers



About layers

Adding effects and modifying layer properties

Animating the composition

About the Tools panel

About timecode and duration

About the Timeline panel

Previewing your work

Optimizing performance in After Effects

Rendering and exporting your composition

Customizing workspaces

Controlling the brightness of the user interface

Collaborating in After Effects

Finding resources for using After Effects

Review questions and answers

#### 2 CREATING A BASIC ANIMATION USING EFFECTS AND PRESETS

Getting started

Creating a new composition

Working with imported Illustrator layers

Applying effects to a layer

Applying and controlling effects

Applying an animation preset

Precomposing layers for a new animation

Previewing the effects

Adding transparency

Rendering the composition

Review questions and answers



#### 3 ANIMATING TEXT

Getting started

About text layers

Installing a font using Adobe Fonts

Creating and formatting point text

Animating with scale keyframes

Using a text animation preset

About Adobe Bridge

Animating imported Photoshop text

Animating type tracking

Animating text opacity

Animating an image to replace text

Using a text animator group

About text animator groups

Animating a layers position

Adding motion blur

Review questions and answers

#### 4 WORKING WITH SHAPE LAYERS

Getting started

Creating the composition

Adding a shape layer

Creating a self-animating shape

Duplicating a shape

Creating custom shapes with the Pen tool

Positioning layers with snapping

Animating a shape



Animating using parenting

Using nulls to connect points

About parent and child layers

Previewing the composition

Animating layers to match audio

Review questions and answers

#### **5 ANIMATING A MULTIMEDIA PRESENTATION**

Getting started

Using Creative Cloud Libraries in After Effects

Adjusting anchor points

Parenting layers

Precomposing layers

Keyframing a motion path

Animating additional elements

Applying an effect

About solid-color layers

Animating precomposed layers

Animating the background

Adding an audio track

Supported audio file formats

Editing audio files in Adobe Audition

Review questions and answers

#### **6 ANIMATING LAYERS**

Getting started

Preparing layered Photoshop files

Simulating lighting changes



Duplicating an animation using the pick whip

About Photoshop layer styles

Using a track matte to confine animation

About expressions

About track mattes and traveling mattes

Animating using the Corner Pin effect

Simulating a darkening sky

Viewing render times for layers

Retiming the composition

Review questions and answers

#### 7 WORKING WITH MASKS

About masks

Getting started

Creating a mask with the Pen tool

Tips for creating masks

Editing a mask

About mask modes

Feathering the edges of a mask

Replacing the content of the mask

Creating a Bezier mask

Zooming and panning by touch

Adjusting the opacity

Adding a shadow

Creating a vignette

Using the Rectangle and Ellipse tools

Review questions and answers



#### 8 DISTORTING OBJECTS WITH THE PUPPET TOOLS

Getting started

About the Puppet tools

Adding Position pins

Adding Advanced and Bend pins

Defining areas of overlap

Stiffening an area

Squash and stretch

Animating pin positions

Using the Puppet tools to animate video

Recording animation

Extra credit: Act it out with Adobe Character Animator

Review questions and answers

#### 9 USING THE ROTO BRUSH TOOL

About rotoscoping

Getting started

Creating a segmentation boundary

Editing Adobe Premiere Pro clips with After Effects

Fine-tuning the matte

Refine Soft Matte and Refine Hard Matte effects

Freezing your Roto Brush tool results

Changing the background

Adding animated text

Outputting your project

Extra credit: Tracking faces

Review questions and answers



#### 10 ADJUSTING COLOR AND MOOD

Getting started

Previewing your project on a video monitor

Detecting scenes in a composition

Making color enhancements

Adding a colorized effect

Replacing a background

Color-correcting using Auto Contrast

Cloning an object in a scene

Darkening a scene

Freezing the action

Adding transitions

Review questions and answers

#### 11 CREATING MOTION GRAPHICS TEMPLATES

Getting started

Preparing a master composition

Setting up a template

Adding properties to the Essential Graphics panel

Protecting the timing of a section

Exporting the template

Creating essential properties

Extra credit: Using a Motion Graphics template in Adobe Premiere Pro

Review questions and answers

#### 12 USING 3D FEATURES

Getting started

Creating 3D layers



Animating 3D layers

Using the 3D Transform Gizmo

Adding ambient light

Precomposing layers

Creating 3D text

Using 3D views

Adding a camera

Lighting a scene

3D channel effects

Working with Cinema 4D Lite

Review questions and answers

#### 13 WORKING WITH THE 3D CAMERA TRACKER

About the 3D Camera Tracker effect

Getting started

Tracking the footage

Repairing rolling shutter distortions

Creating a ground plane, a camera, and the initial text

Creating additional text elements

Locking an image to a plane with a solid layer

Adjusting the cameras depth of field

Tidying the composition

Adding a final object

Creating realistic shadows

Adding ambient light

Adding an effect

Previewing the composition



Review questions and answers

#### 14 ADVANCED EDITING TECHNIQUES

Getting started

Stabilizing a shot

Bicubic scaling

Warp Stabilizer VFX settings

Removing motion blur

Using single-point motion tracking

Moving and resizing the track points

Removing unwanted objects

Checking for drift

Creating a particle simulation

Mocha AE

Understanding Particle Systems II properties

About high dynamic range (HDR) footage

Retiming playback using the Timewarp effect

Review questions and answers

#### 15 RENDERING AND OUTPUTTING

Getting started

About rendering and output

Exporting using the Render Queue

Preparing movies for mobile devices

Creating templates for the Render Queue

Rendering movies with Adobe Media Encoder

About compression

Preparing a movie for broadcast output



Review questions and answers

**INDEX** 

