



## AFTER EFFECTS BOOTCAMP

*In this After Effects bootcamp you will gain the skills needed for creating exciting visual effects and motion graphics for use in presentations, film, video, multimedia and the web.*

## WHAT YOU'LL LEARN IN THIS TRAINING COURSE

- Motion Graphics and Digital Video Essentials
- Digital Media Management
- Layers and Compositing
- Keyframes and Motion Paths
- Working with and Animating Text
- 3D Effects
- Rendering and Exporting Projects
- Advanced Visual Effects Workflow
- Chroma Keying
- Motion Tracking & Stabilization
- 3D Camera Tracking
- Time Remapping
- Advanced Color Correction & Adjustments
- Rotoscoping & Render Queue
- Video Effects

## AUDIENCE FOR THIS TRAINING COURSE

This course is for design and media professionals who need to quickly gain skills creating motion graphics and animation.

## TRAINING COURSE DURATION

This class is four days in length. Public courses times run from 10:00 am until 5:00 p.m. on all days of the class. Private courses can schedule a start time and schedule to meet their needs.

## TRAINING COURSE CURRICULUM

This training course uses lesson files and content from the *After Effects Digital Classroom*, which is written and created by our instructors. A copy of the book is included with the class.

## ENROLLING IN THE AFTER EFFECTS BOOTCAMP

You can register for the [After Effects Bootcamp online](#), or by calling 781-376-6044 or 800-851-9237.

## LOCATIONS FOR THIS TRAINING COURSE

You can attend classes with a live instructor online, or at our training centers located in Boston, New York City, Philadelphia. On-site training at your location is also available.

## GOALS AND OBJECTIVES FOR THIS TRAINING COURSE

The objective of the After Effects Bootcamp is to provide participants with the skills required to independently work within After Effects to create motion graphics and animations.

## PRIVATE AND CUSTOMIZED TRAINING COURSE OPTIONS

This training course can be offered as a private class, and the content can be customized to meet your specific needs. You can call to speak with a training representative at 781-376-6044 or 800-851-9237 to discuss a customized After Effects Bootcamp.



**LESSON 1: DIGITAL VIDEO BASICS**

Analog versus Digital  
 Frame Rate and Resolution  
 Storage Space  
 System Requirements  
 Defining Motion Graphics

**LESSON 2: AFTER EFFECTS USER INTERFACE**

Creating a Project  
 The After Effects panel system  
 Organizing the Project Window  
 The Composition Window  
 The Timeline Window  
 RAM Preview vs. Standard Preview

**LESSON 3: MEDIA MANAGEMENT**

Importing media files  
 Importing Photoshop & Illustrator files  
 Previewing footage  
 Previewing stills and video  
 Previewing audio  
 Trimming a video clip  
 Using the Interpret Footage dialog box  
 Looping an audio or video file

**LESSON 4: LAYERS**

Layer Basics  
 Layer Options  
 Creating a Layer Solid  
 Understanding the layer switches  
 Time Stretch and Frame Blending  
 Nesting Compositions/Layers using precomps

**LESSON 5: KEYFRAMES**

Animating layer properties  
 Using layer parenting to ease repetition  
 Understanding motion paths  
 Working with layer blending  
 Controlling the speed of animations  
 Easing principles

**LESSON 6: USING TEXT**

Creating Text  
 Character palette  
 Paragraph palette  
 Animating Text with Keyframes  
 Animating Text Using Presets  
 Using Bridge with After Effects

**LESSON 7: MASKING AND ALPHA CHANNELS**

Masking  
 Animating Masks  
 Working with Alpha Channels  
 Track Matte

**LESSON 8: EFFECTS**

Effect Basics  
 Animating Effects

**LESSON 9: 3D IN AFTER EFFECTS**

3D capabilities and limitations  
 Creating 3D layers  
 Using multiple viewports  
 Understanding 3D Transform  
 Animating 3D layers  
 Creating and using lights

**LESSON 10: RENDERING AND EXPORTING**

Rendering to various formats  
 Understanding the Render Queue  
 Adjusting render settings  
 Duplicating jobs in the Render Queue  
 Creating render templates  
 Exporting a project file  
 Rendering an individual frame

**LESSON 11: ADVANCED AFTER EFFECTS WORKFLOW**

Working more efficiently in After Effects

**LESSON 12: CHROMA KEYING**

Greenscreen Shooting Basics  
 Using Masks for Compositing (Garbage Mattes)  
 Using Keylight  
 Refining a Matte

**LESSON 13: MOTION TRACKING**

Understanding Motion Tracking  
 Motion Tracking vs Stabilization  
 Setting a Track Point  
 Using Null objects  
 Compositing 2D Graphics

**LESSON 14: MOTION STABILIZATION**

Using the Warp Stabilizer

**LESSON 15: 3D CAMERA TRACKING**

Using the 3D Camera Tracker  
 Compositing 3D Graphics with Video



**LESSON 16:  
TIME REMAPPING VIDEO**

Understanding Time Remapping?  
Slow Motion Effects  
Fast Motion Effects  
Using Frame Blending

**LESSON 17: COLOR  
CORRECTION  
AND COLOR ADJUSTMENT**

Adjusting Tonality  
Adjusting Color

**LESSON 18: CREATING A  
BACKGROUND LOOP**

Expressions Overview  
Creating Expressions  
Common Expressions  
Creating Scripts  
Using Expressions  
Effect Parameters  
Layer Index  
Keyframe Looping  
Conditional Events

**LESSON 19: USING THE  
CLONING  
TOOLS**

High Dynamic Range  
Linear HDR Compositing  
Color Management  
Look Up Tables

**LESSON 20: COLOR, LIGHT,  
AND HEAT**

Lighting qualities  
Lighting direction  
Light Strength  
Reflections  
Shadow  
Multipass 3D Compositing

**LESSON 21: CREATING  
EFFECTS**

Fog, Smoke, Mist, Wind  
Precipitation  
Fire  
Heat Distortion  
Explosive Effects

**LESSON 22: ROTOSCOPING  
VIDEO FOOTAGE**

Manual Rotoscoping  
Using the Roto Brush  
Using the Paint Brush to  
Paint On Color

**LESSON 23: PROJECT  
OPTIMIZATION**

Media Management  
Managing Multiple Projects  
Optimizing System Performance  
Optimizing Render Speed  
Render Que  
Output Module Templates