

## ACTIONSCRIPT 3.0 FOR DESIGNERS

SDF approved!

### Course synopsis

This class is designed for the intermediate level Flash designers that would like to create powerful, compelling, and highly interactive digital content for the web with Flash and ActionScript. Learn how to use some of Actionscript's powerful features, from manipulating movieclips, responding to user actions to writing functions and conditional operators. Participants should benefit greatly as the lessons are on a learn-by-doing basis.

### What you are going to learn

#### **Introduction to Actionscript 3.0**

- Understanding Actionscript 3.0 elements
- Learning programming good habits

#### **Basics of Actionscript 3.0**

- Storing values using variables
- Understanding importance of calling functions
- Generating random numbers
- Understanding Listener based event modelling
- Utilising common properties of Actionscript
- Checking on errors using Trace statements
- Creating simple animations using ENTER\_FRAME
- Utilising filter property to programmatically add in effects like drop-shadows

#### **Decision Making in Actionscript**

- Using conditional statements for multiple scenarios
- Having compound statements using or/and commands
- Iteration to generate multiple instances
- Positioning visual elements dynamically

#### **Creating Preloaders**

- Using LoaderInfo class to create preloaders
- Changing the scaling ratio using scaleX and scaleY

#### **Formatting Text in Actionscript 3.0**

- Creating textfields dynamically
- Setting textfield characteristics using HTML
- Using TextFormat class to control desired formatting
- Embedding fonts
- Loading in external CSS files
- Standardising designs using CSS

#### **Putting it all together**

- Understanding the project files
- Using new Document class to place codes externally
- Auto-generate new classes using Linkage command
- Learning on dragging and dropping within Actionscript
- Implementing hit-detection system within AS 3.0
- Easily re-parent objects

### Duration

2 days (9am - 6pm)

### Fee

\$520 (before SDF funding)

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60 Albert Street #17-01 OG Albert Complex Singapore 189969 Co. Reg. No. 200501805D  
T: 6224 5168 F: 6224 3598 E: tellme@acetraining.com.sg W: www.acetraining.com.sg