

**Course Description:** This is a hands-on course that will allow you to create vector graphics, edit bitmap graphics, optimize images, and create and assign rollover effects for the Web. Students will be able to create, modify, and optimize graphics for use on Web sites; create graphics that include rollovers, text, hotspots, and other visual effects.

**Who Should Attend:** This course is for new or prospective Web designers who want to create, modify, and optimize graphics using Fireworks MX.

**Prerequisites:** Students must have a basic understanding of their computer's operating system.

**Benefits of Attendance:** Upon completion of this course, students will be able to:

- Differentiate between bitmap and vector graphics.
- Precisely scale objects.
- Create and manipulate complex vector graphics and apply effects, textures, and patterns.
- Understand the GIF, JPEG, and PNG file.
- Import bitmap (raster) graphics and modify them.
- Create selections within bitmap images using various tools.
- Import and modify text objects, and merge them with vector graphics.
- Understand image resolutions.
- Show and edit rulers, grids, and guides in order to position items on a Web page.
- Create hotspots to link to slice complex images into sections and use the Optimize panel and Fireworks' Preview modes to optimize the images individually.
- Create simple and customized rollover and disjoint rollover effects using effects, patterns, and textures.
- Export a multi-frame Fireworks file with rollover effects as an HTML document.

### Course Outline:

#### The Fireworks Environment

An Overview of Fireworks  
Vector and Bitmap Graphics  
Fireworks Environment Elements  
Navigating in Fireworks

#### Creating Vector Graphics

Vector Drawing Tools  
Drawing Basic Shapes  
Modifying Vector Graphics

#### Transforming Vector Images And Effects

Combining Shapes  
Applying Effects

#### Bitmap Images

Bitmap Basics  
Editing Bitmap Images  
Effects with Bitmap Images

#### Using Text

Creating Text  
Merging Text and Graphics

#### Optimizing Graphics For The Web

Web Graphic File Formats  
Optimizing Images

#### Hotspot Links

Creating Hotspots  
Assigning Links to Hotspots

#### Slicing And Rollovers

Slicing  
Rollovers