

ADVANCED FLASH & ACTION SCRIPTING

A THREE CREDIT COURSE ON INTERACTIVE WEB MEDIA

COURSE DESCRIPTION

Flash is interactive software that creates images based media for the web. Flash technology allows for animation and integration with video and data. The concentration of this course is to focus on the integration of data and video using the Flash code Action Scripting. Action scripting is an advanced code embedded in Flash. With Action Script the author can manipulate and control data and images to create interactive web media. The Focus at the completion of the course is to have an interactive Flash piece with properly marked Action Script that controls interaction and accesses and manipulates databases.

Progress will be monitored by weekly critiques on flash based piece one internet and its FLA file. Regular weekly meetings with the Faculty Sponsor will take place to brainstorm with code and image to provide guidance while learning a new computer language Action Script. The Faculty Sponsor will act as a consultant when it comes to learning new methods to manipulate data and image with Adobe Flash.

TEXTS

ActionScript for Flash MX: The Definitive Guide, Second Edition
ActionScript for Flash MX Pocket Reference: Quick Reference for Flash MX

COURSE OUTLINE

WEEKS 1-3

Consult about new ideas and methods for preparation to Flash & Action Scripting. Begin basic action scripting to manipulate image. Have Action Script that can move images on its own without user interaction.

WEEKS 4-7

Get the flash file to the point where user interaction can control the movement of images and objects. More advanced code to control user interaction with interface devices. Exploring Action Script control to independent database that live on the web.

WEEKS 8-11

Explore Classes and data Feed, and object controlling functions. Produce full interactive web toy. Compare pros and cons of Action Scripting version 2 to version 3.

WEEKS 12-15

Coding objects with constraints, collision, mouse follow and the math needed, Making Re usable classes. Being formulating a flash portfolio.