506 | Web Design: jQuery for Designers
Mondays 6:00PM—9:00PM | Feb 9 to April 13, 2015 | location: 112 Michigan Ave Room 917

Instructor Andrew Kaye
Email akaye@saic.edu
Phone 814.706.3554

Course Description
In this course, students learn the basics of javascript and focus on jQuery to learn how to extend the features and capabilities of standard web pages. A working knowledge of the jQuery javascript library will allow students to implement their own interactive elements and incorporate additional libraries and plugins. Skills acquired in this course can be applied to a broad range of web projects and serve as the perfect foundation for moving forward with front end web development.

Prerequisites
Advanced HTML and CSS.

Course Objectives/Outcomes
 - Understand the javascript console and webpage events
 - Learn how to create interactive elements by executing actions with clicks and key presses
 - learn how to integrate external libraries using jQuery for control
 - By the end of class everyone should have a broad understanding of jQuery and many examples to continue working from

Textbooks
none

Supplies
usb drive/ cloud storage

Evaluation
Participation: Process work, class critiques, class preparedness, attendance and work done in class

Faculty reserve the right to make changes and/or adjustments to the syllabus.

The mission of the Adult Continuing Education program is to provide excellence in adult multi-– disciplinary art and design education through studio, digital, academic, and museum exposure with the goal of building hands-– on and digital art making skills, developing creative and critical thinking skills, fostering expressive and conceptual capabilities, and providing structured, sequential learning pathways for personal and professional application in all areas and future fields of study.

Course Schedule
The class schedule is subject to change at the discretion of faculty based on necessary adjustments to specific activities relevant to this course. Updates to the schedule will be shared with the class as appropriate.

WEEK 1

Introductions
Review Syllabus / Overview of jQuery for Designers
CSS refresher
Workshop: Getting started with jQuery
Homework: Review course materials & experiment

WEEK 2

Learning jQuery
Workshop: jQuery best practices
Homework: Begin interactive project #1

WEEK 3

Learning jQuery continued
Workshop: More interactivity with jQuery
Homework: finish project #1

WEEK 4

Using external libraries
Look at project #1 sites
Workshop: Best ways to manage code
Homework: find js libraries you like and begin experimenting

WEEK 5

External libraries continued
Continuing to learn about external libraries
Homework: Work on Project #2

WEEK 6

Logic & Arrays
Look at Project #2 sites
Workshop: Take control of your code
Homework: prepare for final project

WEEK 7

Advanced Topics
Workshop: Advanced Topics
Homework: begin Project #3

WEEK 8
Work week
continue working in class to get help from Andrew & peers

WEEK 9
Coffeescript
LECTURE: Using coffeescript
Work time in class

WEEK 10
Next Steps
Present final sites
Lecture: Backbone.js

Policies
Accommodations for Students with Disabilities:
The School of the Art Institute of Chicago is committed to full compliance with all laws regarding equal opportunities for students with disabilities. Continuing Studies students with disabilities should call 312.629.6170 or email cs@saic.edu for further information.

Continuing Studies
School of the Art Institute of Chicago
36 South Wabash Avenue, Suite 1440
Chicago, IL 60603
Phone: 312.629.6170
Fax: 312.629.6171
cs@saic.edu

Office hours: Monday – Friday, 8:30 a.m. – 4:30 p.m.