

WEEK 7: INTRODUCTION TO JAVASCRIPT 2

INFO/CS
1300: Fall
2016

COURSE MAP

Topic Area	Dates	Goals	Assignments
Introduction and Infrastructure	8/24 – 8/26	1-5	All
HTML & Structure	8/29 – 9/9	1,2	Brief Assignments
CSS & Presentation	9/12 – 9/30	2	
Client-Side Scripting: JavaScript & jQuery	10/3 – 10/21	3	
Server-Side Scripting: PHP	10/24 – 11/4	3	
Basic User Testing	11/7 – 11/18	4	Final Project
Taking a Site Live	11/21 – 12/2	1-5	

AGENDA

- Finish code from Monday.
- Discuss event handlers.
- Basic event handler demonstration.

BASIC TERMS: JAVASCRIPT

- **Script placement:**
 - Code will run where script is placed.
 - Links to scripts often placed at bottom of HTML file.
 - Notice `window.onload` method call.
- **The DOM tree is an object that can be modified in real time.**
- **Control structures: control factors such as program flow and state. Common examples:**
 - Branching with `if-then-else`.
 - Looping with `for`.
- **Scope: the context in which a variable is defined and its value is available.**

JAVASCRIPT: EVENTS

- **Event: a user- or application-generated action. Examples:**
 - `onload`
 - `onmouseover`
 - `onmouseout`
 - `onclick`
- **Event handler: code triggered by an event. Example:**
 - Image rollover.
 - Image click.