



CS472 WAP

## W1D5 Overview:

# JavaScript for Modern Web Apps

# Overview of the Course

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Theme I: HTML and CSS – Life Is Structured in Layers						
<b>Week 1</b>	HTML and CSS	CSS for Styling	CSS for Page Layout	HTML5 Forms	JavaScript for Modern Web Apps	JavaScript Programming Environment
Theme II: Client Side Programming – Faster Reaction Time						
<b>Week 2</b>	JavaScript Functional Programming	Scope, closures, and encapsulation	Modules and Objects	Inheritance	Review	Midterm
Theme III: Server Side Programming with Servlets and JSP - Every Action has a Reaction						
<b>Week 3</b>	Classes	jQuery	Event Handling	Intro to Servlets and Web Containers	Managing State in Servlets	Java Server Pages
Theme IV: Integrating all parts together - The Whole is Greater than the Sum of the Parts						
<b>Week 4</b>	JSP Tag Libraries Ajax and JSON	Ajax and JSON	Review	Final Exam		

# Overview of Today

- Key JavaScript Concepts
- Functions
- Event Driven Programming
- DOM API

# Wholeness Statement

- JavaScript is a powerful lightweight loosely typed interpreted functional OO language that makes web pages highly dynamic and responsive. It runs in all browsers and is an increasingly important programming language.
- *If our awareness is grounded in pure consciousness then our actions will be dynamic and responsive.*

