Web Platform and Programming Fundamentals

SES #	Date	TOPICS	COMMENTS
LECT 1	Wed, Feb 8	Course Overview	HW00 OUT: Dev Env Config
LAB 1	Fri, Feb 10	Dev Environment & Github Setup	HW00 DUE, HW01 OUT
LECT 2	Mon, Feb 13	Arrays & Objects	
LECT 3	Wed, Feb 15	Functions	
LAB 2	Fri, Feb 17	Active Learning Solutions Review	HW01 DUE, HW02 OUT
Holiday	Mon, Feb 20	Presidents Day	
LECT 4	Wed, Feb 22	JSON, Gov Data, Public APIs, Geospatial	
LAB 3	Fri, Feb 24	Active Learning Solutions Review	HW02 DUE, HW03 OUT

Software Architecture

SES #	Date	TOPICS	COMMENTS
LECT 5	Mon, Feb 27	Visualization: SVG, Canvas, Data Documents	
LECT 6	Wed, Mar 1	Callbacks - forEach, Filter, Sort, Map, Reduce	
LAB 4	Fri, Mar 3	Active Learning Solutions Review	HW03 DUE, HW04 OUT
LECT 7	Mon, Mar 6	Non-Blocking, Async Computation	
LECT 8	Wed, Mar 8	Application Servers & Package Management	
LAB 5	Fri, Mar 10	Active Learning Solutions Review	HW 04 DUE, HW 05 OUT
QUIZ 1	Mon, Mar 13	QUIZ 1	

Data Science and Geospatial

SES #	Date	TOPICS	COMMENTS
LECT 9	Wed, Mar 15	k-Nearest Neighbor, k-Means	
LAB 6	Fri, Mar 17	Active Learning Solutions Review	HW05 DUE, HW06 OUT
LECT 10	Mon, Mar 20	Naïve Bayes, Linear Regression	
LECT 11	Wed, Mar 22	Data Modeling & Data Stores	
LAB 7	Fri, Mar 24	Active Learning Solutions Review	HW06 DUE, HW07 OUT
Vacation	Mon, Mar 27	Spring Break	
Vacation	Wed, Mar 29	Spring Break	
Vacation	Fri, Mar 31	Spring Break	
LECT 12	Mon, Apr 3	Representational State Transfer (REST)	
LECT 13	Wed, Apr 5	Service Orchestration	
LAB 8	Fri, Apr 7	Active Learning Solutions Review	HW07 DUE, HW08 OUT
LECT 14	Mon, Apr 10	Sensors & Devices I	

LECT 15	Wed, Apr 12	Sensors & Devices II	

LAB 9	Fri, Apr 14	Active Learning Solutions Review	HW08 DUE, HW09 OUT

Project

SES #		TOPICS	COMMENTS
Holiday	Mon, Apr 17	Patriots Day	
QUIZ	Wed, Apr 19	Quiz 2	
LAB 10	Fri, Apr 21		HW09 DUE, HW10 OUT
			HW: Project - Phase 1
LECT 16	Mon, Apr 24	Project	
LECT 17	Wed, Apr 26	Project	
LAB 11	Fri, Apr 28		HW10 DUE, HW11 OUT
			HW: Project - Phase 2
PROJ 01	Mon, May 1	Project	
PROJ 02	Wed, May 3	Project	
PROJ 03	Fri, May 5		HW11 DUE, HW12 OUT
			HW: Project - Phase 3
PROJ 04	Mon, May 8	Project Presentations	
PROJ 05	Wed, May 10	Project Presentations	
PROJ 06	Fri, May 12	Project Presentations	