

LA 458/558 Schedule (draft 1/7/2018)

weekNo	lectureNo	date	lectureTopic	homeWorkNo	assignDue	assignPts	assignType	assignNo	homeWorkTitle
1	1	1/9/18	Introduction; HTML Basics		1	1/13/18	0 Exercise		Exercise: Course Setup
1	2	1/11/18	Setting Up GitHub & JSBIN		2	1/16/18	0 Exercise		Exercise: Setting up GitHub and JSBIN
2	3	1/16/18	HTML & CSS		3	1/18/18	0 Exercise		Exercise: W3Schools HTML tutorials
2	4	1/18/18	HTML colors, tables, forms, comments, CSS box model		4	1/25/18	2 Assignment	1	Assignment 1: First Website
3	5	1/23/18	HTML and JavaScript Intro		5	1/30/18	5 Assignment	2	Assignment 2: Static Maps
3	6	1/25/18	JavaScript and Project Planng Tools		6	2/1/18	5 Assignment	3	Assignment 3: Swapping Map Images in the DOM
4	7	1/30/18	JavaScript Arrays and Objects		7	2/6/18	10 Assignment	4	Assignment 4: JavaScript Playground 1
4	8	2/1/18	JavaScript and Interacting with Form Elements		8	2/8/18	8 Assignment	5	Assignment 5: JavaScript Playground 2
5	9	2/6/18	jQuery introduction; Arrays, Objects and JSON		9	2/13/18	4 Assignment	6	Assignment 6: JavaScript Playground 3
5	10	2/8/18	jQuery Controls & Mapping API's		10	2/15/18	8 Assignment	7	Assignment 7: jQuery Assignment 3 Redux
6	11	2/13/18	Leaflet: Intro and adding Markers; Markers from JSON		11	2/20/18	0 Exercise		Exercise: Basic leaflet map
6	12	2/15/18	Leaflet: Circle and Circle Markers; Quiz: JavaScript and HTML		12	2/22/18	3 Assignment	8	Assignment 8: Leaflet Markers/CircleMarkers
6	12	2/15/18			13	2/22/18	100 Quiz 1		Quiz 1
7	13	2/20/18	Leaflet: Custom markers, popup windows and marker rendering		14	2/26/19	8 Assignment	9	Assignment 9: Leaflet Custom Icons, Popups and Marker Rendering
7	14	2/22/18	Leaflet: Events and adding a point at mouse click		15	2/28/19	5 Assignment	10	Assignment 10: Leaflet Events Playground
8	15	2/27/18	Leaflet: Lines and polygons; Leaflet: Basemaps and overlays;		16	3/5/19	6 Assignment	11	Assignment 11: Leaflet Adding a basemap with polygon overlay
8	16	3/1/18	Leaflet: Controls, layer groups and overlays; Leaflet: JSON/GeoJSON Intro		17	3/7/19	8 Assignment	12	Assignment 12: Leaflet Controls, Layer Groups and Overlays
9	17	3/6/18	Leaflet content styled maps and legends; Adding external JSON data to the map		18	3/12/19	10 Assignment	13	Assignment 13: External Weather Data Map
9	18	3/8/18	Creating JSON and GeoJSON Data; Mini Project		19	3/14/19	8 Assignment	14	Assignment 14: Leaflet 2 layer map with categorized data
9	18	3/8/18			20	3/22/18	40 Mini project		Mini project
10	19	3/13/18	Spring Break						
10	20	3/15/18	Spring Break						
11	21	3/20/18	Leaflet Map Clustering and Filter; Quiz: JavaScript, jQuery & Mapping		21	3/26/19	6 Assignment	15	Assignment 15: Leaflet filtering data and cluster map
11	21	3/20/18			22	3/26/19	100 Quiz 2		Quiz 2
11	22	3/22/18	Leaflet Patterns; Leaflet Heat Maps; Course gallery project		23	3/28/19	6 Assignment	16	Assignment 16: Multiple thematic layer data
11	22	3/22/18			24	4/29/18	60 Course gallery project		Course gallery project
12	23	3/27/18	Leaflet Draw; Geocoding; Intro to database integration		25	4/2/19	4 Assignment	17	Assignment 17: Adding placed markers and geocoded address to a database
12	24	3/29/18	Saving user map data to a Database; 558 Other Mapping API Tech report		26	4/4/19	10 Assignment	18	Assignment 18: Adding and retrieving stored data
12	24	3/29/18			27	4/12/18	50 Tech Report		Tech Report
13	25	4/3/18	Leaflet for mobile and Geolocate; Final project proposal		28	4/9/19	6 Assignment	19	Assignment 19: Designing for mobile use
13	25	4/3/18			29	4/10/18	0 Final Project and Proposal		Final project proposal
13	26	4/5/18	Intro to Mapbox; MapBox Tiles		30	4/11/19	4 Assignment	20	Assignment 20: Mapbox Leaflet API
14	27	4/10/18	Mapbox Tiles		31	4/16/19	6 Assignment	21	Assignment 21: Create a Mapbox basemap
14	28	4/12/18	Turf JS; Work on Final Project		32	4/18/19	4 Assignment	22	Assignment 22: Turf JS Playground
14	28	4/12/18			33	4/30/18	100 Final Project Assigned		Final project
15	29	4/17/18	Work on Final Project		34	4/23/19	6 Assignment	23	Assignment 23: Integrating Turf with Leaflet
15	30	4/19/18	Intro to Carto; Work on Final Project		35	4/25/19	4 Assignment	24	Assignment 24: Make a map in Carto 1
16	31	4/24/18	Carto; Work on Final Project		36	4/30/19	4 Assignment	25	Assignment 25: Make a map in Carto 2
16	32	4/26/18	Work on Final Project; Course Wrap up		37	5/4/18	0 Exercise		Peer review of classmates final project
17	33	5/1/18	Peer review of final projects						
17	34	5/3/18	Peer review of final projects						
18			Enjoy your summer break or congrats on your graduation!						

600 Total Points

1/7/2018 - note the course gallery project is subject to change in point valuje in 2018 to allow for an additional turf.js assignment.