

# Introduction to JavaScript

DATA 70600 / DHUM 70600

Instructor: Stephen Zweibel

Class Meetings: Th 6:30-7:30 Online ([Zoom](#))

Office Hours: Th 7:30-8:30 and by appointment

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## Course Description

This class is an exploration of JavaScript designed for those who may not have much experience with programming languages. Together we will read a book about JavaScript and do the work of that book, thereby learning about JavaScript syntax and a few of the more popular libraries.

## Learning Outcomes

By the end of the semester, successful students will

- Gain capacity to read and write JavaScript at a beginner level
- Be familiar with JS libraries like Leaflet and JQuery
- Create a small project of their own that can live on the web!
- Be ready for further classes that require JavaScript knowledge

## Reading

We will be reading [The JavaScripting Master's Student](#), aiming at one chapter per class meeting. Students will be expected to read each chapter before class, and attempt the exercises listed at the bottom of that chapter.

## In Class

We will go through the chapter and exercises together, discussing difficulties and questions.

## Course Schedule

**Note: reading schedule is subject to change. We may speed up or slow down depending on class progress.**

Date	Reading
8/25	Introduction & Chapter 2: <a href="#">Getting Started with JavaScript</a>
9/1	Chapter 3: <a href="#">If/Then</a>

9/8	Chapter 4: <a href="#">Loops and Arrays</a>
9/15	Chapter 5: <a href="#">Functions</a>
9/22	Chapter 6: <a href="#">Making Mistakes</a>
9/29	NO CLASS
10/6	Chapter 7: <a href="#">VS Code and GitHub</a>
10/13	Chapter 8: <a href="#">HTML and CSS</a>
10/20	Chapter 9: <a href="#">Interactive Web Design</a>
10/27	Chapter 10: <a href="#">Building a Data-Driven Webpage</a>
11/3	Chapter 11: <a href="#">Mapping With Leaflet</a>
11/10	Chapter 12: <a href="#">Working With GeoSpatial Data</a>
11/17	Chapter 13: <a href="#">Reading Documentation</a> & Chapter 14: <a href="#">Starting Your Project</a>
11/24	NO CLASS
12/1	Chapter 15: <a href="#">Putting Your Project Together</a>
12/8	Chapter 16: <a href="#">Going Live</a>
12/15	Present Projects!

**Responsibilities:**

Students will be required to:

- Keep up with weekly readings and exercises
- Design and build a small project using JavaScript, HTML and CSS

**Grading:**

75% - Participation in class, including demonstrating exercises and presenting work

25% - Final project

**Academic Accommodations & Accessibility**

It is Graduate Center and CUNY policy to provide appropriate accommodations to students with disabilities. Any student with a disability who may need accommodations in this class is advised to speak directly to the manager of Student Disability Services, located in Student Affairs, room 7301, or call 212-817-7400 as early in the semester as possible. All discussions will remain confidential. While offices are operating remotely, email Clare Wilson at [cwilson1@gc.cuny.edu](mailto:cwilson1@gc.cuny.edu) or visit the SDS website, <http://cuny.is/disabilityservices>.