

# JavaScript I Core Programming

Acme-Tutors

JavaScript

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<b>Instructor:</b>	Hugh Weng	<b>Location:</b>	Zoom Meeting
<b>Email:</b>	tutors@acme-nyc.com	<b>Group Day/Time:</b>	Thursdays, 6:30 PM - 8:00 PM
<b>Phone:</b>	646-280-7089		
<b>Start Date:</b>	July 7, 2022		
<b>Term:</b>	Summer 2022		

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## GROUP DESCRIPTION

This group is intended for core programming of the JavaScript language. This is a rigorous introduction to JavaScript and a complementary group to JavaScript II Client and Server Side Programming.

## GROUP OBJECTIVES

- To build understanding of JavaScript.
- To develop an adequate working knowledge of JavaScript to be able to develop functional code.
- Understand the syntax and semantics of the language.
- Engage in active discussions.
- Build a program in JavaScript.

## PREREQUISITES

High school Algebra and Geometry. Any prior experience with another programming language is a plus.

**TEXTBOOK:** *JavaScript: The Definitive Guide*, O'Reilly, 7th Ed., 2020

## TENTATIVE SCHEDULE

Week	Description
1	Lexical Structure
2	Types, Values, and Variables
3	Expressions and Operators
4	Statements
5	Objects
6	Arrays
7	Functions
8	Classes
9	Modules
10	The JavaScript Standard Library
11	Capstone Project
12	Capstone Project Review