

# 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> | Wednesdays, 6:30 PM - 8:30 PM |
| <b>Phone:</b>      | 646-280-7089        |                        |                               |
| <b>Start Date:</b> | January 2, 2023     |                        |                               |
| <b>Term:</b>       | Winter 2022         |                        |                               |

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## GROUP DESCRIPTION

This group is intended for core programming of the JavaScript language. This is an uncomplicated introduction to JavaScript and a complementary group to Java Script 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

Optimism and interest in the subject. 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         |