Programming with JS-CP73A   
 **Course Description:**

This course introduces fundamental of JS as programming language, JS syntax and DOM manipulation with JS. This course is based on hands on and at the end of the course, students should able to do problem solving and add interactivity to their websites with JS. Students will also work on individual and group projects.

Class meets every Tuesday and Thursday

Time: 6pm to 9pm

The class will meet for 12 sessions.

|  |  |
| --- | --- |
|  | **Topics** |
| Week one | * Class overview, objectives and introduction. * Setting up slack * Introduction to terminal, git, GitHub |
| Week Two | * Introduction to JS * Pseudocode * Variables * Data Types * Expressions and Evaluations |
| Week Three | * Functions * Defining and Calling Functions * Parameters and Return Statements * Scope |
| Week Four | * Objects * Methods * JSON |
| Week Five | * The DOM * Accessing the DOM * Manipulating the DOM * Events   J Query |
| Session Six | * Projects presentation * Guest Speaker |

\*Topics are subject to change

Class Website: Slack, TBA

Textbook/Course Materials/ Study help(Optional)

1. <https://www.w3schools.com/js/default.asp>
2. <https://www.amazon.com/JavaScript-JQuery-Interactive-Front-End-Development/dp/1118531647/ref=sr_1_2?ie=UTF8&qid=1536696376&sr=8-2&keywords=javascript+and+jquery>

**Class Schedule**

|  |  |  |
| --- | --- | --- |
| Course | Days | Time |
| Programming with JS | Tues & Thurs | 6pm -9pm |

**How to Contact the Instructor?**

|  |  |
| --- | --- |
| **E-mail Address:** | **shoaib@adrepublicbd.com** |

**CCNY: ATTENDANCE POLICY**  
**COME TO CLASS AND BE ON TIME!** You are allowed three unexcused absences or the semester. More than three unexcused absences will result in an automatic failure for the course. Three late arrivals without a credible reason will count as once absence. Class work must be turned in on time. Late work will be penalized!

Note: Absences are counted from the first day of class even if they are a result of late registration or change of program.

Missed Classes: You are responsible for obtaining material, which may have been distributed on class days when you were absent. Please network in class so you can count on a classmate(s)

Class Etiquette:

Please be respectful of your instructor and the other students in the course. Students are expected to refrain from any and all disruptive behavior. This includes, but is not limited to, excessive talking, forgetting to turning off cell phones, or arriving to class very late.

Academic Dishonesty: Plagiarism and cheating are serious offenses and may be punished by failure on exam, paper or project and failure in the course.