

# CIT 190 - JAVASCRIPT PROGRAMMING

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## Course Description

Students in this course develop web client scripting skills using JavaScript and jQuery. Students use variables, decisions, loops, functions, objects, and other programming concepts as they add robust and powerful interactivity to web pages. Students create responsive web solutions integrating HTML, CSS, JavaScript, jQuery, JSON, and Ajax technologies. Course content is mapped to the MTA 98-382 Introduction to Programming Using JavaScript learning objectives and students enrolled in this course will take the certification exam. Group 2 course.

## Credit Hours

3

## Contact Hours

4

## Lecture Hours

2

## Lab Hours

2

## Required Prerequisites

CIT 180 with a grade of 2.0 or higher, or instructor permission

## General Education Outcomes supported by this course

Critical Thinking - Direct

## Course Learning Outcomes

### Knowledge:

- Describe JavaScript technologies used to add interactivity to web pages.

### Application:

- Write, test, and debug code to implement interactive features.

### Integration:

- Design interactive solutions using HTML, CSS, and JavaScript.

### Human Dimension:

- Give and receive feedback in an appropriate manner.

### Caring - Civic Learning:

- Describe how well-designed, interactive features increase web site appeal.

### Learning How to Learn:

- Engage in self-directed learning.