

CENTER FOR INNOVATIVE TECHNOLOGIES  
MASTER COURSE DOCUMENT

## WEB 130 Web Programming: JavaScript

**Course Description:** A course on fundamentals of the JavaScript scripting language.

**Prerequisites(s):** WEB 112 (minimum grade C)

**Corequisite(s):** No corequisite

Lecture Hours: 2	Lab Hours: 3	Credit Hours: 3
Lab Fee: 105	Supplemental Fee: 0	Purpose:
<input type="checkbox"/> Transfer Assurance Guide Course (TAG)	<input type="checkbox"/> Transfer Module Course (TM)	
Course Format: Lec/Lab	Grading: A/B/C/D/F/I	
Delivery Method: <input type="checkbox"/> Web	<input type="checkbox"/> Hybrid	<input type="checkbox"/> Classroom
Semesters Offered: <input type="checkbox"/> Fall	<input type="checkbox"/> Spring	<input type="checkbox"/> Summer

### Course Primary Text:

<b>Title:</b> Modern JavaScript: Develop and Design	<b>Edition:</b> 1
Author(s): Larry Ullman	
Publisher: Peachpit Press	

### Supplemental Materials:

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### Course Outcomes:

1	By the end of this course students will be able to design interactive effects with in Web browsers using object-oriented computer programming language.
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### Course Topics:

Week 1	JavaScript Concepts and Syntax
Week 2	Getting Started/Tools/Testing/Debugging
Week 3	Variable Types
Week 4	Control Structures
Week 5	Complex Variable Types
Week 6	Creating Functions
Week 7	Midterm Exam and Project Presentation
Week 8	Event Handling
Week 9	Integrating with Browsers
Week 10	Working with Forms
Week 11	AJAX Basics and Examples

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Week 12	Error Management
Week 13	Frameworks
Week 14	Review
Week 15	Final Exam and Final Presentation

**Methods of Evaluation/Assessment**

10 Weekly Quizzes
Midterm Exam
Final Exam
Project 1
Final Project
Research Paper

Course Keeper: David Hctor

Date Completed: April 12, 2019