

Virginia Western Community College
ITP 140
Client Side Scripting

Prerequisites

ITD 110, ITP 100

Course Description

Provides instruction in fundamentals of Internet application design, development, and deployment using client side scripting language(s)

Semester Credits: 3 Lecture Hours: 3 Lab/Clinical/Internship Hours: 0

Required Materials**Textbook:**

JavaScript Absolute Beginner's Guide, 2nd Edition

Author: Kirupa Chinnathambi

ISBN: 9780136204213

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Publisher: Que

Other Required Materials:

Visual Studio Code (latest version - downloadable from the Internet)

Course Outcomes

At the completion of this course, the student should be able to:

- Understand how to integrate JavaScript into HTML Web page code
- Be able to write and run JavaScript code
- Understand how to debug JavaScript
- Be able to utilize constructs including decisions, loops and methods
- Thoroughly understand the Document Object Model
- Work with JavaScript events
- Validate Web forms with JavaScript, providing feedback to the user

Notes to Instructors

- A midterm exam is required.