

Course discipline/number/title: COMP 1741: JavaScript

- A. CATALOG DESCRIPTION
1. Credits: 3
 2. Hours/Week: 3 lecture
 3. Prerequisites (Course discipline/number): MATH 0099
 4. Other requirements: College level reading is required
 5. MnTC Goals (if any): NA
- B. COURSE DISCIPTION: This course introduces client-side scripting. Students will explore HTML and CSS, dynamic client-side scripting using JavaScript, client-side error checking and validation, and asynchronous server interaction. Students will construct and evaluate various client-side interactions. College level reading is required.
- C. DATE LAST REVISED (Month, year): December, 2019
- D. OUTLINE OF MAJOR CONTENT AREAS:
1. Fundamental of the web
 2. Client-side dynamic HTML, CSS, and JavaScript
 3. HTML form processing error checking and validation
 4. Asynchronous server interactions
- E. LEARNING OUTCOMES (GENERAL): The student will be able to:
1. Implement dynamic HTML, CSS with Client-Side Scripting using JavaScript.
 2. Define the terms and methods client-side scripting regarding user interaction.
 3. Develop client-side scripts that interact with web applications and dynamically update content.
 4. Perform client-side error checking and validation for graceful failure.
- F. LEARNING OUTCOMES (MNTC): NA
- G. METHODS FOR EVALUATION OF STUDENT LEARNING: Methods may include but are not limited to:
1. Exams and Quizzes
 2. Presentations
 3. Projects
 4. Written Assignments
- H. RCTC CORE OUTCOME(S). This course contributes to meeting the following RCTC Core Outcomes(s): Critical Thinking. Students will think systematically and explore information thoroughly before accepting or formulating a position or conclusion.
- I. SPECIAL INFORMATION (if any): None