JAMESTOWN COMMUNITY COLLEGE
State University of New York

INSTITUTIONAL COURSE SYLLABUS

Course Title: Web Programming

Course Abbreviation and Number: CSC 2410   **Credit Hours:** 3   **Course Type:** Lecture

Course Description: Students will study client and server side programming techniques using current scripting languages. Projects will emphasize the design of websites that interface with databases. Students will spend a substantial amount of out-of-class time working on computer projects.

Prerequisite: CSC 1530 and CSC 1570.

Student Learning Outcomes:

Students who demonstrate understanding can:

1. Demonstrate the ability to write and debug server side script programming integrating with HTML page
2. Demonstrate the ability to select, create, delete, and update database using scripting programming language
3. Demonstrate the ability to create/ delete tables and add/retrieve records of database using scripting programming language

Topics Covered:

- Introduction to Web Development
- Server Side Script Programming Concepts
    - Variables and Constants
    - Control Structures
    - Iteration
    - Built-in and User Defined Functions
    - Arrays
    - Strings
- Files and Directories
- Script Language with Database
- Managing State Information

Information for Students

- Expectations of Students
    - Civility Statement
    - Student Responsibility Statement
    - Academic Integrity Statement
- Accessibility Services
  Students who require accommodations to complete the requirements and expectations of this course because of a disability must make their accommodation requests to the Accessibility Services Coordinator.
- Get Help: JCC & Community Resources
- Emergency Closing Procedures
- Course grade is determined by the instructor based on a combination of factors, including but not limited to, homework, quizzes, exams, projects, and participation. Final course grade can be translated into a grade point value according to the following:

A=4.0	B+=3.5	B=3	C+=2.5	C=2	D+=1.5	D=1	F=0

- Veterans and active duty military personnel with special circumstances (e.g., upcoming deployments, drill requirements, VA appointments) are welcome and encouraged to communicate these to the instructor.

Effective Date: Fall 2021