Metropolitan Community College

CLASS SYLLABUS - ACADEMIC YEAR/QUARTER

CLASS IDENTIFICATION

TITLE: JavaScript I

PREFIX/SECTION: 23/WW

CREDIT HOURS: 4.5

CLASS BEGINS/ENDS: 12/2 - 2/27

MEETING DAY(S)/TIMES: Online

HOLIDAYS AND PLANNED BREAKS:

- Winter Recess (12/23 - 1/1)
- Martin Luther King Jr. Holiday (1/15)

CLASS CANCELLATIONS AND INSTRUCTIONAL CONTINUITY:

In case of inclement weather or other disruption, check the MCC homepage (https://www.mccneb.edu) for notification that classes are canceled or the College is closed. If your class is canceled, your instructor will provide guidance through Canvas or MCC email on instructional continuity—how learning activities can continue--during the closure.

DEADLINES TO DROP CLASS WITH NO CHARGE OR TO WITHDRAW WITH NO GRADE:

The Last Date to Drop with No Charge and the Last Date to Withdraw from Class with No Grade are posted through the Important Dates by Section (https://apps.mccneb.edu/importantdates/Default.aspx) page listed under College Links in My Way (https://myway.mccneb.edu).

DELIVERY MODE: Online (Canvas)

For more information about your class delivery mode, please read this syllabus carefully and visit the MCC Course Modalities page (https://mycatalog.mccneb.edu/content.php?catoid=17&navoid=691).

CLASS LOCATION: Canvas

LAB LOCATION: Canvas

CONTACT INFORMATION

INSTRUCTOR NAME: Alex Shaw

STUDENT CONFERENCE HOURS: Available for video calls as needed, typically after 4pm

EMAIL ADDRESS: agshaw@mccneb.edu
Students enrolled in credit classes are required to check and use Canvas Inbox (https://canvas.mccneb.edu) and MCC Email (https://outlook.com/mccneb.edu) for all official course and College correspondence. See also STUDENT EMAIL REQUIREMENTS.

ACADEMIC AREA: Information Technology

ACADEMIC DEAN'S OFFICE TELEPHONE: (531) 622-2322

(Please Note: Any questions or concerns regarding this course should **first** be directed to the instructor.)

COURSE INFORMATION

COURSE DESCRIPTION:
I am excited for you to join me and your fellow students on this journey of learning together as we delve into the topic of programming in JavaScript. We will learn JavaScript syntax, data structures, methods, and more! We will focus primarily on “client-side” JavaScript.

COURSE PREREQUISITES:
INFO 1003, INFO 1311

MINIMUM TECHNICAL SKILLS:

A working knowledge of the following skills is strongly advised:

Use of elements of personal computers (keyboard, mouse, monitor, printer, external drive, etc.)

Use of email with attachments

Ability to save files to and retrieve files from a local drive and USB drive

Ability to identify and use a compatible web browser.

Ability to download and open Microsoft Word and Portable Document Format (PDF) documents.

Ability to edit and save Microsoft Word documents.

Ability to zip and unzip files using tools included with Microsoft Windows or macOS (see this document)

COURSE OBJECTIVES:

Use JavaScript to create interactive web applications.

Use Ajax to dynamically update web pages.

Use JavaScript to interact with application programming interfaces (APIs).

Use browser developer tools to troubleshoot web page/application issues.

Write clean, consistent code.

REQUIRED & SUPPLEMENTAL MATERIALS:

Book:

Title: Murach's JavaScript & jQuery

Author: Mary Delamater, Zak Ruvalcaba

ISBN: 978-1-943872-62-6

Publisher: Murach

Software:

For this class, it is highly recommended to install and use these software applications:

Visual Studio Code

Live Server (VS Code extension)

All other course materials are available on our Canvas site. You will also find other critical course content on Canvas, such as videos, PowerPoint presentations, etc. created by me or another faculty member.

COMPUTER REQUIREMENTS:

The computer and/or mobile device you use for MCC courses must be able to run one of the Canvas-compatible web browsers listed on the Supported Browsers page (https://community.canvaslms.com/t5/Canvas-Basics-Guide/What-are-the-browser-and-computer-requirements-for-Canvas/ta-p/66). For blended and remote delivery classes, a web camera and microphone are strongly recommended for participation in videoconferencing and may be required for some demonstrations of learning.

(*Optional syllabus paragraph*) SOFTWARE/FILE SUBMISSION REQUIREMENTS:

Metropolitan Community College uses Microsoft products as part of its standard software and encourages students to use their free access to Microsoft Office 365 applications (https://outlook.com/mccneb.edu). You may save word-processed documents for file attachments in Microsoft Word .doc or .docx format. If your software does not allow either of these, then save files in Rich Text Format (.rtf). Your instructor may also provide other specific requirements for file submissions.

CLASS STRUCTURE:

You will have an optional lab, a quiz, and an assignment for each module. There are no midterm exams or final exams in this class.

STUDENT EMAIL REQUIREMENTS:

Students enrolled in credit classes are required to check and use Canvas Inbox (https://canvas.mccneb.edu) and MCC Email (https://outlook.com/mccneb.edu) for all official course and College correspondence.

RESPONSE TIME:

Faculty will respond within 48 hours to student emails concerning course content, learning activities, and private matters appropriate for discussion within the teacher-student relationship. Posting of feedback and grades for major assignments is addressed under Assessment of Student Work.

ASSESSMENT OF STUDENT WORK

TYPES OF ASSESSMENTS/ASSIGNMENTS:

Assignments: Assignments consist of programming projects. The projects may consist of maintaining or enhancing existing applications or creating new applications from scratch.

Quizzes: You will have one quiz each week. You may take a quiz up to two times. The highest grade will be the final grade for the quiz.

Labs: Most modules will have lab activities, which are not graded. Labs are provided as an additional learning tool. Labs consist of one or more exercises from the assigned weekly reading. Labs are intended to further illustrate concepts covered by lecture, and to prepare students for Assignments.

USING AI:

Generative AI systems (like ChatGPT) can serve as powerful tools for learning and idea refinement. **In this course, I encourage you to use AI to understand why the answer is what it is, not simply what the answer is.**

Students and employees who understand the inner workings of a program, algorithm, language, etc - **are the ones who develop the skills necessary to become employable and stay employable.**

The following serves as a non-comprehensive list of some of the ways I encourage you to use and to not use AI.

Do NOT:

- Give the model a problem description and ask it to sketch an algorithm for you or write you pseudo code.

- Give the model the homework description and ask it to organize the code for you (e.g., generate the necessary function headers, write the main functions etc).

- Give the model a function description and ask it to generate code for you.

- Have your conversation with the model and your assignment open at the same time. Use your conversation with the AI as a learning experience, then close the interaction down, open your assignment, and let your assignment reflect your revised knowledge.

Using the AI system in ways as described above will count as cheating even if you cite the AI system as a source.

You CAN:

- Ask clarification questions about the fundamentals of programming (e.g., “When should I use a variable in Python?”)

- Ask for conceptual clarifications (e.g., “What is the difference between a for loop and a while loop?”)

- Try to work through the logic of something you don’t understand (e.g., “Why is the run time of this algorithm [describe] n^2?”)

- Given a problem description and your proposed algorithm and “talk” through the potential fallacies.

Note, there is no guarantee that the answers an AI gives will be correct. If you do decide to use these models, it is your responsibility to also fact check the insights that you gain.

LATE AND MAKE-UP ASSIGNMENT POLICIES:

Generally, readings and assignments are due by the date posted on the syllabus and our Canvas site. When you skip assignments, your ability to digest, internalize, and reflect on the course content gets compromised. Missing assignments not only impacts your performance, but also affects your ability to build relationships with your classmates because you won’t be able to share with them.

Deadlines work both ways, and I will do my best to get all assignments graded and commented back to you in a timely manner. I have scheduled the due dates for assignments to align course content with in-class activities and your developing learning in this class.

Please know that I understand life intervenes—sometimes at the worst moments. For that reason, you do have the following options:

If you know in advance that you cannot fulfill a required assignment you must email me at least 2 weeks prior so we can make other arrangements.

If you suddenly need an extension, you must contact me at least 48 hours in advance of when the assignment is due.

Please understand that vacations cannot be used for extensions.

If you don't turn in an assignment at all, you will receive 0. You can make up missed work for up to full credit.

INSTRUCTOR FEEDBACK TO STUDENTS:

Throughout the quarter, instructors will provide students timely feedback on assignments and performance, including a midterm report or other communication that addresses progress in the class and gives suggestions for improvement. Students in this class will receive midterm progress information through _____.

GRADING POLICY:

Grade Distribution Per Assignment

Item	Percentage
Assignments	85%
Quizzes	15%

Grading Scale

Letter Grade	Percentage Required
A	90-100%
B	80-89.9%
C	70-79.9%
D	60-69.9%
F	0-59.9%

INSTRUCTOR'S EXPECTATIONS OF STUDENTS

ATTENDANCE/PARTICIPATION POLICY:

You will have a variety of ways to demonstrate your learning. This includes: how you complete programming assignments, and completion of weekly quizzes.

LATE REGISTRATION RESPONSIBILITIES:

If you register late, keep in mind that you are responsible for attendance and missed class assignments.

ATTENDANCE/PARTICIPATION REPORTING:

To confirm each student's eligibility to remain registered for the class, the instructor will officially report attendance/participation on or before the Census Date. Students in this section of JavaScript 1 must participate in an online, graded class activity by 1/11.

STUDENT RESPONSIBILITIES:

Please communicate with your instructor, preferably through Canvas Inbox or MCC email, about any absences, attendance and participation status, and academic progress in this course. The instructor's contact information is listed at the beginning of this document.

See also the additional responsibilities and expectations under COLLEGE SYLLABUS POLICIES AND INFORMATION FOR STUDENTS below.

COLLEGE SYLLABUS POLICIES AND INFORMATION FOR STUDENTS

Please visit the College Syllabus Policies and Information for Students page (https://myway.mccneb.edu/depts/Syllabus) to learn about the policies and resources below. Students are responsible for understanding and following the policies.

CLASS AND INSTRUCTIONAL POLICIES

- COMMUNICATION EXPECTATIONS
- ACADEMIC HONESTY STATEMENT
- TURNITIN
- OUTCOMES ASSESSMENT OF STUDENT LEARNING
- USE OF STUDENT WORK
- RECORDING CLASS SESSIONS FOR INSTRUCTIONAL PURPOSES
- STUDENT WITHDRAWAL

LEARNING SUPPORT AND STUDENT SERVICES

- MCC STUDENT ORIENTATION
- ACADEMIC SUPPORT CENTERS
- ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES AND STUDENTS WHO ARE PREGNANT

- STUDENT WELL-BEING
- NONDISCRIMINATION AND EQUAL OPPORTUNITY STATEMENT

TECHNOLOGY SUPPORT

- MCC CANVAS SUPPORT at canvas@mccneb.edu or (531) 622-2834
- IT SUPPORT SERVICES
- TECHNOLOGY RESOURCES

IMPORTANT DATES

- IMPORTANT DATES FOR SYLLABI
- ACADEMIC CALENDAR

Required attachment to the syllabus:

SCHEDULE OF ASSIGNMENTS

Please reference Canvas for a schedule of class topics, learning activities, and expected learning outcomes. However, the instructor may adjust this schedule because of weather or other unplanned events. Any modifications will not substantially change the objectives or grading in this course and will conform to the policies and guidelines of Metropolitan Community College.