

Course: CIT108 Internet Scripting	Dates: 01/17/2023 05/13/2023
Books: Murach's JavaScript & jQuery, 4 th Ed ISBN: 978-1-943872-62-6	Instructor: Matt Geiger Email: mgeiger@northweststate.edu
Credits: 4	Lab Hours: 3

Course Description:

This course is designed to teach programming to a student using a current Internet scripting language. The course will teach the student traditional programming concepts such as variable usage, program flow statements and designing loops. The class will focus on using the scripting language to solve programming problems using Internet applications.

Course Learning Objectives:

- Understand and Implement Programming Language Syntax
- Work with the Program Language Operators
- Work with Different Variable Types
- Implement Arrays
- Implement Functions/Methods
- Use Program Control Statements
- Create Loops within the Program
- Use the Object Oriented Capabilities of the Language
- Use the Language in Internet Applications
- Integrate the Language with other Internet Technology
- Discuss Security Concerns Created by the Use of the Language

Program Learning Objectives:

- Gain an understanding of structured programming concepts
- Demonstrate software skills
- Write and debug programs
- Develop and edit web pages

Grading:

Hands-On Tests	30%	A	90-100
Quizzes	20%	B	80-89
Labs	40%	C	70-79
Class Participation	10%	D	60-69
		F	<60

Format:

This is a web-enhanced course. Most of the reading, lecture and demonstrations will be done outside of class via the book and video presentations of the material. Those items need to be completed *prior to* the in-person lab meeting. The in-person lab portion will consist of:

- Reviewing and answering questions over the material that was to be covered.
- A short discussion of the labs and possible techniques for solving them.
- Interactive lab time to work on solutions to the lab assignments with assistance if needed.

It is important that you complete the required reading and videos and attempt the labs prior to coming to the class meeting. This will enable you to get any in-person assistance and guidance you need to successfully complete the labs.

Assistance outside of the lab times will be via electronic resources. You must have read the materials, done the examples along with the videos, made an attempt at completing the lab and pushed your code to the assignment repo. I will look at your code and offer advice via the feedback pull request of the repo. That feedback item is a two-way street for you to comment and ask for clarification as well. If the written communication is not enough, we can set up an online meeting. In-person assistance with labs is during the scheduled lab time, which means you must come prepared.

Labs:

Labs are assigned the week the material is covered and are due at 11:00 P.M. the second day after the in-person lab meeting. One week's assignment(s) may be submitted up to one week late with no penalty. Additional late assignments will receive a 50% grade reduction. ***You must inform your instructor if an assignment is submitted late*** or it will not be graded. ***Lab work will not be accepted if it is over one week late.*** You may use any accessible resource to complete labs as long as you are the one who actually does the work. Your instructor will answer any lab related questions without penalizing your grade.

Quizzes

There will be several multiple-choice quizzes throughout the class. The multiple-choice quizzes cover all information covered in the textbook as well as the videos. Reading and studying the text prior to the quizzes is a good way to prepare for the quizzes. All multiple-choice quizzes are given online and must be completed prior to the due date. Multiple choice quizzes are timed, and you will normally have one minute to read and answer each question. You may use your textbook as a reference when taking the

quiz (open book). You may also use any notes that you created while studying the chapter. You may use online material (i.e. the chapter presentation or Google) while taking the multiple choice quizzes. You may not ask others for assistance on a test. ***Late quizzes are NOT accepted*** but your lowest quiz score will be dropped. You may ask your instructor for clarification on a question, but they will not answer the question for you.

Hands On Tests:

There will be several hands-on tests given during the semester. These are in-person tests that must be done in the presence of the instructor. The tests will be very similar to the lab assignments. The tests will be timed. Late hands-on tests will not be accepted. You must complete the hands-on tests on your own and you cannot ask others for assistance.

Class Participation

You are expected to complete all the reading and video tutorials prior to attending the lab session so that you may fully participate in the lab projects during lab time. Not preparing, not attending, not communicating, or not completing labs and other assignments will result in a low participation for that week.

Bonus Points:

Bonus Points may be offered at the discretion of the instructor. You can earn bonus points by informing your instructor of typos or other errors in any of the class material that can be modified by your instructor. For each problem you find you will have 10% added to one of your lab assignments.

Assessment of Student Learning:

The tests and labs given during the semester will require the student to demonstrate the skills that they have acquired during the class. Successful completion of these tests and labs will show that the student has the ability to take the individual topics presented in the class and combine them into a solution that is similar to what they will encounter in the workplace.

Time Needed for Classwork:

The average successful student will schedule 4 to 8 hours per week for reading and studying the text book and other supplemental material. The average successful student will schedule 6 to 12 hours per week to lab work and hands on tests.

Withdraw Information:

Refund and withdrawal dates for this course can be found under the Calendars/Schedule link on the NSCC homepage (www.northweststate.edu). Select the semester and scroll down to the course number. Withdrawing from a course can affect your financial aid eligibility. The student accepts full responsibility and consequences for withdrawing from classes.

ADA information:

Any student who feels he/she may need an accommodation based on the impact of a disability should contact me privately to discuss specific needs. Also, please contact the Accessibility Services Office in office A105B or via phone at 419-267-1265 to coordinate reasonable accommodations arising from documented disabilities.

Video Taping:

Unauthorized video or audio taping of the classroom lecture is strictly prohibited.

Post-Secondary Education Opportunity student (PSEO) information:

- We do not provide extraordinary protection for the student who is a minor.
- We do not filter or monitor the computers on our campus.
- Class subject matter may contain provocative content.
- FERPA rights belong to the student.

Academic Honesty:

- The college's policy on academic honesty is covered in the college catalog
- Any form of academic dishonesty will not be tolerated
- The classroom is not a court of law – In the classroom the burden of proof lies on the defendant and not on the prosecutor
 - In other words the student needs to be able to prove they are not guilty
- Penalties:
 - 1st Offense – Automatic failing grade on the assignment which cannot be made up – Incident will be reported to the dean and placed in your record – Instructor has the option of giving the student a failing grade for the class
 - 2nd Offense – Automatic failure of the class – Incident will be reported to the dean and placed in your record
 - 3rd Offense – Expulsion

Instructor Schedule:

I do not have regular office hours at the college, but I am willing to answer questions and assist students electronically. You will be required to push your code to the online repository for my review and I will comment on the issues and guide you to possible solutions to your issues. In some cases, we may also be able use videoconferencing and screen sharing if needed.

Changes to the Syllabus:

The instructor reserves the right to change this syllabus.