

Syllabus for CMSC 198J– Introduction to Computer Programming for Non-Majors Using JavaScript

Prerequisites: Math115 or equivalent

Required Texts: TBA

Course Meeting Times: Monday through Friday, 3:00pm-6:00pm

Credits: 3

Objective: This class introduces students with no previous programming experience to computer programming. The class emphasizes design principles (e.g., pseudocode, stepwise refinement, object-oriented design) as well as the syntax and semantics of the JavaScript programming. This class is for non-majors interested in obtaining some fundamental computer programming skills.

Inclement Weather Policy

In case of bad weather, we will make up any missed days by adding extra hour to daily lectures. Tuesday, January 24, 2006 is the official snow day for the course.

Topics

- HTML overview
- Input/output in JavaScript
- Variables and data types
- Expressions and operators
- Conditional statements
- Iteration statements
- Design I (pseudocode)
- Object Model
- Design II (Stepwise Refinement)
- Functions
- Arrays

Assignments

There will be approximately three small programming assignments per week. There will also be announced quizzes and one final.

Grading

All homework assignments are due at **3:00 pm** on the due date. They are to be submitted electronically according to instructions given with the assignments. All late assignments will have points deducted as follows:

-20% One-day late (No assignments will be accepted after the one-day late period)

Your final grade will be computed using the following contributions:

40% Homework assignments, 35% Quizzes, 25% Final exam

Academic Honesty

All assignments, quizzes, and exams must be done on your own. If you are found to have cheated by showing your solution to other students, allowing others to obtain access to your work, looking at or copying others work, etc. your case will be sent to the university's Office of Judicial Programs. You are allowed to use the web for reference, but you must not copy code from any website or any other source. The code you submit must be your own.