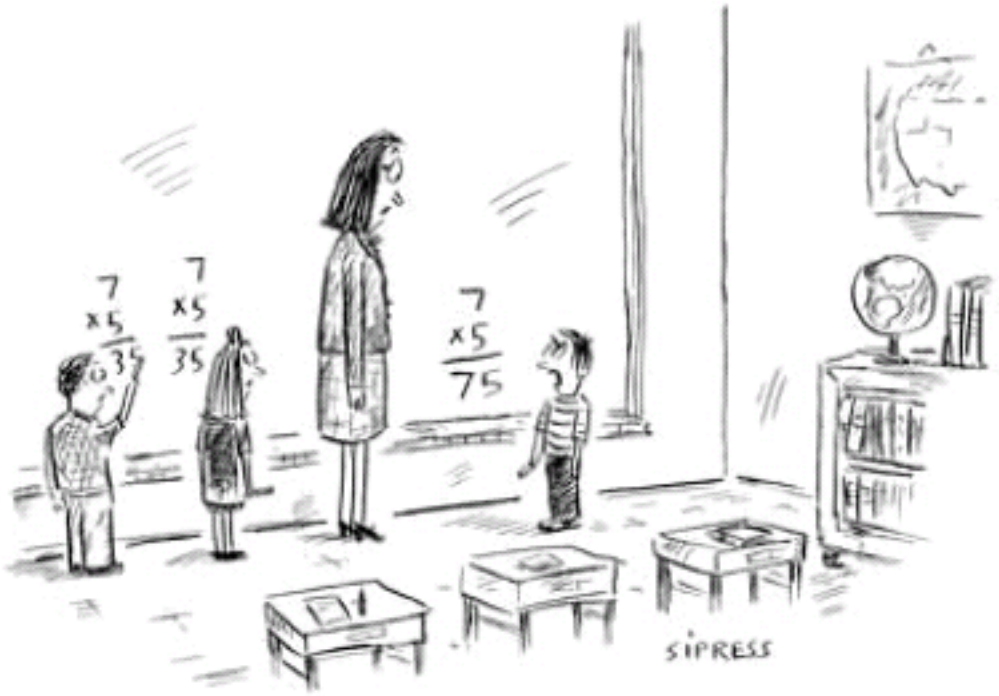
COIN 71 - AJAX



"It may be wrong, but it's how I feel."

At the end of this course, you will be able to implement web pages that access data from the server in an efficient manner. You will understand the DOM and how to access it from JavaScript. Your JavaScript programs will parse XML data and access objects in JSON. Structured web page development are stressed, including documentation and the separation of form and content. You will develop a web application using an existing framework, and work with a team to complete a real world project.

Instructor: Elaine Haight
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Meetings: Mondays, 6 - 9:40 pm, Middlefield Campus Room I10
Office Hours: TBD.
Laboratory: Use the computers in the Middlefield computer lab, or download and install the required development environment on your own computer.
Textbook: "Ajax in Action" by Crane and Pascarello
Prerequisite: Experience with HTML, XML and JavaScript.
Any structured programming experience will be extremely helpful.
Class Website: **http://etudes-ng.fhda.edu/portal**
login using your user id and password. You need to know your alternative student id (not SSN), which is on your registration receipt.
Your **user id** is (all lower case):
the first 2 letters of your first name +
the first 2 letters of your last name +
the last 5 digits of your alternative student id (not SSN!)
John Lennon's User ID would be jole45678 (if he had a student ID of 123-45-678)
If you are new to Etudes NG, Your **password** is: mmdd of your birthday.
For example, if your birthday is Jan 12, your password is "0112"
If you have used Etudes NG in the past, use your same password.

SYLLABUS

Week	Subject	Reading Assignment
1	Overview of Ajax	Chapters 1, 2 to page 53
2	Getting Data for your Application	Chapters 2, 3 to page 76
3	Application Architecture	Chapter 3, Appendix B
4	Model / View / Controller	Chapter 4
5	Running a Servlet	Chapter 5
6	Popular Web Development API's	Chapter 6
7	Midterm Exam - **Monday, 21 May**	
8	Holiday - no class	
9	Performance, Dynamic Double Combo,	Chapter 8, 9
10	Type-ahead Suggest	Chapter 10
11	Review for Final	
12	FINAL EXAM **Monday 25 June, 6-8pm, covers all assigned chapters**	

Grading:
There will be 6 homework assignments, and then 4 deliverables for a team project. These 10 grades will be weighted as 50% of your total grade; your midterm points will be weighted as 15%; final exam points will be weighted as 35% of your total course grade. You must pass the final in order to pass the class.

If you earn 90% (or more) of the points available in the class, you get an "A"; 80% earns a "B"; 70% earns a "C"; 60% of the points available gets a "D"; 59% and below earns an "F".

Working Together:
The work you turn in must be your own. You may ask others for assistance, but your solution must have your "thumbprint" on it, and **not** be the same as any other student's. If two students turn in identical papers, both students receive zero. You must pass the final in order to pass the class.

Assignment Submission:
For each homework assignment, you must upload all code files to the CTIS webserver, Krypton. There will be one point off for each week that an assignment is late. Only complete assignments will be graded. Please submit a link to your assignment through our etudes ng website. After I grade your assignment through etudes ng, you will be able to read my feedback there.

Attendance Policy:
If you miss class or arrive late, you are responsible for the material covered. I recommend that you get notes from a student who attended class. Under no circumstances will I give one-on-one tutoring to students who choose not to attend class.

~~ This Syllabus is subject to change~~