N220 Schedule

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| Week | Lecture Topic | Lab | Assignment |
| 1 | Course Introduction; Syllabus, what is javascript?  In class discussion: top 5  Word Cloud: web languages | Setup IDE with extensions; setup github; upload small assignment/test page | Discussion;  Test Page with github link |
| 2 | Programming introduction; Javascript basics; variables, operators, and arithmetic |  | Assignment: Simple calculations |
| 3 | Functions |  | Assignment |
| 4 | Objects and Arrays |  | Discussion |
| 5 | Decisions and Loops |  | Assignment |
| 6 | Project: TBD |  | Project Assignment |
| 7 | Mid-Term (written and practical) |  | Midterm |
| 8 | Introduction to the DOM |  | Adventure Assignment |
| 9 | Working the DOM |  | DOM Assignment |
| 10 | Events |  | Adv List Assignment |
| 11 | Regular Expressions |  | Assignment |
| 12 | Forms |  | Assignment |
| 13 | ECMAScript New Features |  |  |
| 14 | ECMAScript New Features |  | Have students create discussion with extra ECMA features for other students to puruse |
| 15 | Project |  |  |
| 16 | Final and Final Project |  |  |
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<https://www.divami.com/blog/top-ecmascript-es6-features-every-javascript-developer-should-know>

<https://www.boardinfinity.com/blog/top-10-features-of-es6/>

<https://medium.com/@kavisha.talsania/top-10-es6-features-every-javascript-developer-must-know-4c81ec54bbcd>

ECMAScript Features

* Default parameters - 4
* Template literals/strings --4
* Tagged templated
* Destructuring assignment - 3
* Arrow function expressions - 4
* Let and const - 4
* Spread and rest syntaxes - 2
* Object.assign() and Object.is()
* Classes - 4
* Multiline strings - 2
* Object literals -2
* Promises - 2
* Modules - 3
* For... of statement