

# Lesson Plan for CSCI 342

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## Week 1 Sept 27-Oct 6

### Software

- <https://www.apachefriends.org/index.html>
- <https://nodejs.org/en/>
- <https://www.djangoproject.com/>

### HTML

- <https://www.w3schools.com/html>
- <https://www.tutorialspoint.com/html>
- <https://developer.mozilla.org/en-US/docs/Learn/HTML>
- <http://html.com/>
- <http://www.learn-html.org/>
- <https://www.quackit.com/html/tutorial/>
- <http://htmldog.com/guides/html>
- <https://www.codecademy.com/learn/learn-html>

### CSS

- <https://www.w3schools.com/css>
- <https://www.tutorialspoint.com/css>
- <https://developer.mozilla.org/en-US/docs/Learn/CSS>
- <https://www.csstutorial.net/>
- <http://htmldog.com/guides/css>
- <https://www.codecademy.com/courses/css-coding-with-style/0/1>

## Week 2 October 11 - 15

### PHP

- <https://www.w3schools.com/php>
- <https://www.tutorialspoint.com/php>
- <http://htmldog.com/guides/php>
- <http://php.net/manual/en/tutorial.php>
- <http://www.tizag.com/phpT/>

### Forms

- [https://www.w3schools.com/html/html\\_forms.asp](https://www.w3schools.com/html/html_forms.asp)
- [https://www.tutorialspoint.com/html/html\\_forms.htm](https://www.tutorialspoint.com/html/html_forms.htm)
- <https://developer.mozilla.org/en-US/docs/Learn/HTML/Forms>
- <http://htmldog.com/guides/html/beginner/forms/>

## Week 3 October 16 - 20

## Chrome DevTools

- <https://developer.chrome.com/devtools>
- <https://www.codeschool.com/courses/discover-devtools>

## Javascript

- <https://www.w3schools.com/js/>
- <https://www.tutorialspoint.com/javascript/>
- <https://javascript.info/>
- [https://developer.mozilla.org/en-US/docs/Learn/Getting\\_started\\_with\\_the\\_web/JavaScript\\_basics](https://developer.mozilla.org/en-US/docs/Learn/Getting_started_with_the_web/JavaScript_basics)
- <https://www.javascript.com/try>

## DOM

- [https://www.w3schools.com/js/js\\_htmldom.asp](https://www.w3schools.com/js/js_htmldom.asp)
- [https://www.w3schools.com/js/js\\_dom\\_examples.asp](https://www.w3schools.com/js/js_dom_examples.asp)
- [https://developer.mozilla.org/en-US/docs/Web/API/Document\\_Object\\_Model/Introduction](https://developer.mozilla.org/en-US/docs/Web/API/Document_Object_Model/Introduction)
- <https://dom-tutorials.appspot.com/static/index.html>
- <https://javascript.info/dom-nodes>
- [https://www.tutorialspoint.com/javascript/javascript\\_html\\_dom.htm](https://www.tutorialspoint.com/javascript/javascript_html_dom.htm)

Week 4 Oct 23 - 27

## jQuery

- <https://www.w3schools.com/jquery/>
- <https://www.tutorialspoint.com/jquery/>
- <https://learn.jquery.com/>
- <http://try.jquery.com/>
- <http://jqfundamentals.com/>
- <http://vanilla-js.com/>

## AngularJS

- <https://www.tutorialspoint.com/angularjs/>
- <https://www.w3schools.com/angular/>
- <https://docs.angularjs.org/tutorial>

Week 5 Oct 30 - Nov 3, Midterm Nov 3

## Events

- [https://www.tutorialspoint.com/javascript/javascript\\_events.htm](https://www.tutorialspoint.com/javascript/javascript_events.htm)
- [https://www.w3schools.com/js/js\\_events.asp](https://www.w3schools.com/js/js_events.asp)
- [https://www.w3schools.com/jsref/dom\\_obj\\_event.asp](https://www.w3schools.com/jsref/dom_obj_event.asp)
- [https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Building\\_blocks/Events](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Building_blocks/Events)
- <https://www.quirksmode.org/js/introevents.html>

## Ajax, XML, JSON

- [https://www.w3schools.com/js/js\\_ajax\\_intro.asp](https://www.w3schools.com/js/js_ajax_intro.asp)
- [https://www.w3schools.com/xml/ajax\\_intro.asp](https://www.w3schools.com/xml/ajax_intro.asp)
- [https://www.w3schools.com/js/js\\_json\\_intro.asp](https://www.w3schools.com/js/js_json_intro.asp)
- <https://www.tutorialspoint.com/ajax/>
- [https://developer.mozilla.org/en-US/docs/AJAX/Getting\\_Started](https://developer.mozilla.org/en-US/docs/AJAX/Getting_Started)
- <https://webdesign.tutsplus.com/tutorials/a-beginners-guide-to-ajax-with-jquery--cms-25126>
- <https://www.xul.fr/en-xml-ajax.html>

**Week 6** Nov 6 - 9, Veteran's Day

### MongoDB

- <https://www.tutorialspoint.com/mongodb/>
- [https://www.w3schools.com/nodejs/nodejs\\_mongodb.asp](https://www.w3schools.com/nodejs/nodejs_mongodb.asp)
- <https://www.w3resource.com/mongodb/introduction-mongodb.php>
- <https://www.codeschool.com/courses/the-magical-marvels-of-mongodb>
- <https://scotch.io/tutorials/an-introduction-to-mongodb>

### Cookies and Sessions

- <http://www.tutorialspoint.com/listtutorials/php/cookies-and-sessions/1>
- [https://www.w3schools.com/js/js\\_cookies.asp](https://www.w3schools.com/js/js_cookies.asp)
- <http://www.lassosoft.com/Tutorial-Understanding-Cookies-and-Sessions>
- <https://code.tutsplus.com/tutorials/an-introduction-to-cookies--net-12482>

### Web Security

- [https://www.tutorialspoint.com/internet\\_technologies/internet\\_security\\_overview.htm](https://www.tutorialspoint.com/internet_technologies/internet_security_overview.htm)
- [https://www.tutorialspoint.com/webservices/web\\_services\\_security.htm](https://www.tutorialspoint.com/webservices/web_services_security.htm)
- [https://developer.mozilla.org/en-US/docs/Web/Security/Information\\_Security\\_Basics](https://developer.mozilla.org/en-US/docs/Web/Security/Information_Security_Basics)
- <https://sites.google.com/site/ddmwsst/>

**Week 7** Nov 13 - 17

### Regular Expressions

- [https://eloquentjavascript.net/09\\_regexp.html](https://eloquentjavascript.net/09_regexp.html)
- [https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide/Regular\\_Expressions](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide/Regular_Expressions)
- [https://www.tutorialspoint.com/javascript/javascript\\_regexp\\_object.htm](https://www.tutorialspoint.com/javascript/javascript_regexp_object.htm)
- [http://eloquentjavascript.net/09\\_regexp.html](http://eloquentjavascript.net/09_regexp.html)
- <https://javascript.info/regular-expressions>
- <https://code.tutsplus.com/tutorials/you-dont-know-anything-about-regular-expressions-a-complete-guide--net-7869>

### Nodejs

- <https://www.w3schools.com/nodejs/>
- <https://www.airpair.com/javascript/node-js-tutorial>
- <http://www.tutorialsteacher.com/nodejs/nodejs-tutorials>
- <https://www.guru99.com/node-js-tutorial.html>
- <https://www.codeschool.com/courses/real-time-web-with-node-js>
- <https://www.sitepoint.com/premium/courses/node-js-an-introduction-2866>
- <https://www.sitepoint.com/jade-tutorial-for-beginners/>

**Week 8** Nov 20 - 22, Thanksgiving holiday

### ExpressJS

- <https://www.tutorialspoint.com/expressjs/>
- <https://expressjs.com/en/starter/basic-routing.html>
- [https://developer.mozilla.org/en-US/docs/Learn/Server-side/Express\\_Nodejs](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Express_Nodejs)

**Week 9** Nov 27 - Dec 1

### Django

- <https://www.tutorialspoint.com/django/>
- <https://www.djangoproject.com/start/>
- <https://docs.djangoproject.com/en/1.11/intro/>
- [https://developer.mozilla.org/en-US/docs/Learn/Server-side/Django/Tutorial\\_local\\_library\\_website](https://developer.mozilla.org/en-US/docs/Learn/Server-side/Django/Tutorial_local_library_website)

**Week 10** Dec 4 - 8, Review