

Lesson Plan for CSCI 342

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December 1, 2017

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.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://www.javascript.com/try>

DOM

- https://www.w3schools.com/js/js_htmldom.asp
- https://www.w3schools.com/js/js_dom_examples.asp
- 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

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.w3schools.com/js/js_events.asp
- https://www.w3schools.com/jsref/dom_obj_event.asp
- 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/xml/ajax_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://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.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
- <http://www.lassosoft.com/Tutorial-Understanding-Cookies-and-Sessions>
- <https://code.tutsplus.com/tutorials/an-introduction-to-cookies--net-12482>

Web Security

- <http://www.webstepbook.com/supplements-2ed/slides/chapter15-security.shtml>
- https://www.tutorialspoint.com/internet_technologies/internet_security_overview.htm
- https://www.tutorialspoint.com/webservices/web_services_security.htm
- 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://regexr.com/>
- https://eloquentjavascript.net/09_regexp.html
- https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide/Regular_Expressions
- https://www.tutorialspoint.com/javascript/javascript_regexp_object.htm
- 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.tutorialspoint.com/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

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

Week 10 Dec 4 - 8, Review