

# BCPR280

## Software Engineering 2

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# Course outline

- Course outline
- Study plan example
- Why each student was asked to introduce to all class
- Requirements
  - Individual & team work
  - Presentation
  - Homework
  - Check your study plan from time to time

# Suggestions

- Please let me know if ...
  - I will do my best ...
- How do you learn better?/ What is your learning style?



# Introduction to JavaScript

- What is JavaScript?
  - <https://www.youtube.com/watch?v=955L9-NoBoE>
- Programming Environment
  - Notepad++ - editor
  - Chrome - platform
  - JSLint - JavaScript code quality tool

# JavaScript Code Standard

- Google's
  - [https://google-styleguide.googlecode.com/svn/trunk/javascriptguide.xml#JavaScript Style Rules](https://google-styleguide.googlecode.com/svn/trunk/javascriptguide.xml#JavaScript_Style_Rules)
- jQuery's
  - <http://contribute.jquery.org/style-guide/js/>
- w3schools'
  - [http://www.w3schools.com/js/js\\_conventions.asp](http://www.w3schools.com/js/js_conventions.asp)
- JSLint – The JavaScript Code Quality Tool
  - <http://www.jshint.com/>

# Homework

- Find your group of 4 and post the members of your group to the forum
- Read and discuss one of the code standards with your team member
- How to use SCRUM ideas to manage your BCPR280?
  - Daily scrum meeting



# Introduction to JavaScript

- JavaScript readings
  - <http://www.w3schools.com/js/>
  - [https://developer.mozilla.org/en-US/docs/Web/JavaScript/A\\_re-introduction\\_to\\_JavaScript](https://developer.mozilla.org/en-US/docs/Web/JavaScript/A_re-introduction_to_JavaScript)
  - <http://eloquentjavascript.net/>
- Demonstration & exercise
  - <http://www.codecademy.com/>
  - <http://www.codeavengers.com/javascript>
- Tool to visualize what the computer is doing step-by-step as it executes JavaScript program
  - <http://www.pythontutor.com/>

# Introduction to JavaScript

- JavaScript basics
- Link JavaScript to a HTML5 webpage



# Homework

- Learn and practice JavaScript basics
- Look around on PR280 moodle site
- Check those links on PR280 moodle site and lecture notes