**University of Westminster**

School of Computer Science and Engineering

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| **5COSC026W Advanced Client Side Development (2021/22)** | |
| Module leader | Anne-Gaelle Colom |
| Unit | Portfolio with in-class test |
| Weighting: | In-class test: 40% |
| Qualifying mark | 30% |
| Description | Portfolio exercise with in-class test |
| Learning Outcomes Covered in this Assignment: | Coursework 1 constitutes of a set of bi-weekly exercises that will allow the students to develop and then demonstrate their understanding of Client-side programming that shall form a portfolio, assessed in an in-class test (LO1, LO3). |
| Handed Out: |  |
| Due Date |  |
| Expected deliverables | Electronic files and printed copy for the in-class test |
| Method of Submission: | online via Blackboard and printed copy for the in-class test |
| Type of Feedback and Due Date: | Written feedback and marks 10 working days (2 weeks) after the in-class test.  All marks will remain provisional until formally agreed by an Assessment Board. |

Assessment regulations

Refer to section 4 of the “How you study” guide for undergraduate students for a clarification of how you are assessed, penalties and late submissions, what constitutes plagiarism etc.

Penalty for Late Submission

If you submit your coursework late but within 24 hours or one working day of the specified deadline, 10 marks will be deducted from the final mark, as a penalty for late submission, except for work which obtains a mark in the range 40 – 49%, in which case the mark will be capped at the pass mark (40%). If you submit your coursework more than 24 hours or more than one working day after the specified deadline you will be given a mark of zero for the work in question unless a claim of Mitigating Circumstances has been submitted and accepted as valid.

It is recognised that on occasion, illness or a personal crisis can mean that you fail to submit a piece of work on time. In such cases you must inform the Campus Office in writing on a mitigating circumstances form, giving the reason for your late or non-submission. You must provide relevant documentary evidence with the form. This information will be reported to the relevant Assessment Board that will decide whether the mark of zero shall stand. For more detailed information regarding University Assessment Regulations, please refer to the following website:<http://www.westminster.ac.uk/study/current-students/resources/academic-regulations>

**5COSC026W Advanced Client-side Web Development**

**Portfolio**

**Set Date: 12th October 2021**

**Due date: 17th November 2021 (for in-class test)**

A. Create your website in HTML5 and CSS3 with the following specification:

* A Main Page with a suitable HTML5 structure containing side information (either a twitter feed, or links to your social media accounts)
* An About page with a suitable HTML5 structure.
* A Personal projects or Hobbies or more general Blogs page containing 2 blog posts with appropriate page structure and suitable semantic elements. Also make sure to use the time element with the datetime attributes.
* A Page with a Form for people to register to your newsletter. Ensure that your page makes use of appropriate HTML5 form elements, and has an appropriate page structure.

All pages must be written in HTML5. You must ensure that HTML5 is used correctly and efficiently to ensure correct semantic and validation where appropriate. Ensure that your code makes use good comments and indentation.

B. Create a single external style sheet file, written in CSS3, to style the whole site**.**

You are required to use the following:

1. Specify font(s) to be used throughout the site and in more specific areas, using either @font-face or google fonts
2. Colours (including at least one semi-transparent),
3. Shadows,
4. Text effects,
5. Attribute selectors (minimum 2)
6. Pseudo elements with **generated content** in at least one place on your site
7. User action pseudo class
8. Child combinator
9. Structural selectors
10. Negation pseudo class
11. Nth pseudo class
12. Validity pseudo class
13. Relational selector
14. Border
15. Rounded corners (can be of size 0 if you do not wish to have rounded corners)
16. Gradient
17. Transforms
18. Animations
19. Show that you have taken specificity into consideration
20. Provide good comments and indentation

C. Make your Portfolio responsive so it would display well on a small screen using media queries.

**Resources:**

1. HTML5 Validator: <http://validator.w3.org/>
2. CSS Lint: <http://csslint.net/>

**You will need to prepare a short in word and print all the code in the document which you will need ready for the test. This will need to contain as a minimum:** (and upload a zip file on Blackboard):

* 3 (or 4) html files (plus all related resources e.g. images) (A),
* your css file (B)