University of Westminster
School of Computer Science and Engineering

5COSC026W Advanced Client-Side Development (2025/26)

Module leader	Ebad Majeed
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). LO1 Programming proficiently using markup (HTML5) and stylesheet (CSS3) language. LO3 Develop a responsive website using media queries;
Online submission:	**06th November 2025 (before the ICT)**
Due Date	**06th November 2025 (10:00 am) for the in-class test**
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: 25th September 2025
Due date: 06th November 2025 (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 social media accounts (yours or any other relevant one(s))
- An About page with a suitable HTML5 structure.
- A Personal Projects or Hobbies or more general Blogs page with appropriate page structure and suitable semantic elements. This page must contain 2 blog posts. Also make sure to use the time element with the datetime attribute.
- A Page with a Form for people to register to your newsletter and/or send you a message. 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-Transitions
19-Animations
20-Show that you have taken specificity into consideration
21-Provide good comments and indentation

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

D. Strongly recommended but not required: Take notes as you go along, and build a diary to cover the progress that you make each week, illustrated with screenshots or drawings of progress of the design and its implementation. This should include your initial low fidelity drawings for your pages structure and layout for large screen and mobile view. This can be pictures of hand-drawn designs and the mapping of sections to HTML5 Elements. This will help you with the in-class test.

You should write as a minimum one full summary entry covering all progress since the last entry once every 2 weeks, although ideally you could write one each week. These will cover progress with design/layout, content, your choices of layout, fonts, colours, and selectors for section B. Make sure to include the date of each entry.

E. Combine a final word document with your final website screenshots and code. **This will need to contain as a minimum:**

- 3 html files (A),
- your css file (B & C),
- your diary (D)

You will need to print this document and bring it for the test, as the test will ask you to made annotations on this document and some of your diary entries may also directly cover some of the test questions.

Prepare a zip file with the above Document E and your HTML files (plus all related resources needed e.g. images, fonts etc), CSS file, Diary

Resources:

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