# Cardiff School of Computer Science and Informatics

## Coursework Assessment Pro-forma

**Module Code:** CMT112

**Module Title:** Web Application Development

**Lecturer:** Dr Martin Chorley

**Assessment Title:** Static Website Development

**Assessment Number:** 1

**Date Set:** 10th October 2019

**Submission Date and Time**:1st November 2019at 9:30am

**Return Date:** 29th November 2019

This assignment is worth 30% of the total marks available for this module. If coursework is submitted late (and where there are no extenuating circumstances):

1 If the assessment is submitted no later than 24 hours after the deadline, the mark for the assessment will be capped at the minimum pass mark;

2 If the assessment is submitted more than 24 hours after the deadline, a mark of 0 will be given for the assessment.

Your submission must include the official Coursework Submission Cover sheet, which can be found here:

<https://docs.cs.cf.ac.uk/downloads/coursework/Coversheet.pdf>

## Submission Instructions

The coursework submission should consist of three items: a coursework coversheet, a short reflective evaluation document, and a .zip file of the website source code.

|  |  |  |  |
| --- | --- | --- | --- |
| Description | | Type | Name |
| Cover sheet | **Compulsory** | One PDF (.pdf) file | [student number].pdf |
| Validation Document | **Compulsory** | One PDF (.pdf) or Word file (.doc or .docx) | RE\_[student number].pdf/doc/docx |
| Source Code | **Compulsory** | One zip (.zip) file | SC\_[student number].zip |

Any code submitted will be run on a system equivalent to a University provided MSc laptop and must be submitted as stipulated in the instructions above.

Any deviation from the submission instructions above (including the number and types of files submitted) will result a reduction in marks for that assessment or question part of 20%.

Staff reserve the right to invite students to a meeting to discuss coursework submissions

## Assignment

Congratulations! You have just been hired as a junior web developer! For your first role at the company, you have been asked to produce a prototype website for an important potential client – PontyBridge University. The client has supplied some potential material for the website, and the company has given you some sketch outlines for the pages you need to create. These files can be downloaded from both the assessment page on the course website or the assessment page in the CMT112 module on Learning Central.

In total, you need to create the following three pages:

1. A homepage for the University.

2. The ‘Study’ page, listing some courses they offer.

3. The ‘Research’ page, listing some of their research projects.

Rough designs for each of the three pages have been supplied detailing how they should look at both large (desktop) and small (mobile) resolutions. You should try to match these designs as closely as possible. Additionally, the client has some suggestions on fonts and colours to use to match their existing branding.

As well as the page designs, some potential content for the website has been provided:

1. A selection of slogans to be displayed in the homepage banner

2. A selection of quotes from past students to be displayed in the quote section of the homepage

3. A selection of potential news headlines and descriptions to use for the news items on the homepage.

4. A selection of marketing images for the University, along with their attribution information.

Outside of the supplied content, you are free to add content to the website however you wish. For instance, the ‘Study’ page lists a number of courses, but the client has yet to provide their titles and descriptions, so you are free to add these yourself. If other content is needed for your implementation, please feel free to either create this content yourself, or use standard filler content such as lorem ipsum text, creative commons images, or other freely available images. You should make sure to properly attribute sources of content in the source code for the website, or alongside the content itself. You are also reminded of the need to reference any code or material you use that you have not written yourself.

The client has asked that valid HTML and CSS is used wherever possible, and that the use of non-validating code is kept to a minimum. If non-validating code must be used, this should be explained and justified. With your website code, you are asked to submit a document containing the results of validation alongside justification for the non-validating code

## Learning Outcomes Assessed

2. Create static HTML pages and apply CSS rules to style and position elements.  
3. Describe, create and manipulate HTML page and element structure

6. Use browser debugging tools to understand performance and execution of code in the browser.

# Criteria for assessment

Credit will be awarded against the following criteria.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Component & Contribution | Fail  (0-49) | Pass  (50-59) | Merit  (60-69) | Distinction (70+) |
| Design of Website (25%) | No design effort has been made | Some pages match some of the reference designs.  There may be noticeable differences between pages and reference designs | Most pages match  reference designs.  There may be some subtle differences between pages and reference designs | All pages match reference designs with very few differences between pages and reference designs |
| Use of HTML, CSS (50%) | HTML structured or used incorrectly  CSS inefficient or repetitive | HTML structured correctly CSS used to style elements Evidence of use of class, id, element selectors | Semantic HTML elements used where necessary  CSS rules and selectors efficient | Responsive design implemented  Use of advanced HTML/CSS features not covered in course to date |
| Standards Compliance (10%) | Code not validated or widespread use of obsolete or deprecated HTML or CSS | Limited amount of non-validating code | HTML & CSS validated | HTML & CSS validated Additional standards checked (e.g. accessibility) |
| Code Style, Commenting  (15%) | No effort at commenting or code layout | Code laid out fairly consistently with some commenting | Code laid out consistently, comments where necessary | Code laid out consistently, comments where necessary  Attention paid to file content structure |

# Feedback and suggestion for future learning

Feedback on your coursework will address the above criteria. Individual feedback and marks will be returned on **29th November** via email, with further cohort feedback given in-class.

Feedback from this assignment will be useful for the second assessment in this module, as well as for any future web programming assignments in other modules.

*https://stackoverflow.com/c/comsc*