

# COMP1021 Introduction to Web Technologies

## Coursework 1

### Support

Support for this coursework will be made available during the scheduled lab classes

### Preliminaries

This coursework is worth **40%** of the overall module grade. The coursework has a total of 50 marks available. The deliverable of this piece of coursework is a complete web site consisting of at least 5 HTML pages that are styled with appropriate CSS. The files should be compliant to HTML5 and CSS3 standards,

### Requirements

Take care in reading the specification. You will be penalised if you fail to meet any of the requirements.

- All pages must conform to the HTML5 standard.
- All style sheets must conform to CSS3 standards.
- All styling should be done in a separate style sheet.
- You must not use any editor which assists in the creation of web pages, i.e. dreamweaver and similar are not permitted.
- Do not use any other technologies except HTML and CSS.
- All images or text used in the deliverable should be appropriately referenced and copyright should be obtained if you are using images.

### Specification

You should design and implement a website consisting of at least 5 pages. You may choose any topic for your website which is appropriate according to the Universities policy on IT usage. In your website you should demonstrate an understanding of a range of HTML tags and an awareness of appropriate styling using CSS. For a minimum grade your website should:

- contain a navigation system which allows for easy navigation between the pages of the website.
- demonstrate an awareness of accessibility issues i.e. using alternative text in images
- demonstrate an understanding of semantic web
- make appropriate use of HTML elements
- create appropriate content

## Final Deliverables

You should submit the following:

- A zip file containing all HTML, CSS and images/audio/video files used in your website

[30 marks]

- A design document in **pdf** format, containing the following:
  - ✓ a wireframe model of the page layout
  - ✓ details of the colour scheme and fonts
  - ✓ a short description justifying your choice of layout
  - ✓ an evaluation of your implementation justifying any changes between your initial design and your implementation
  - ✓ an outline of how you tested your website.
  - ✓ any references that are required for the content you have used.

[20 marks]

## Submission

Your files must be submitted as a **zip archive. No other format will be accepted.** You should submit the zip archive via Minerva before the deadline. All submissions will be submitted to plagiarism detection software

**Submission date:** Friday, March 8th 2019 at 10.00am