

Assignment1: IS5103 (Web Standards)

This assignment is worth 30% of your overall module grade.

Due Date: Wednesday 28th October 2020

Time: 21:00

Objectives

The assignment is intended to enable you to demonstrate that:

- You have understood how to produce a website using **valid meaningful mark-up**.
- You can create and apply **CSS** to determine the presentation logic.
- You have understood the basic principles of Accessibility and have applied these.
- You are able to validate or evaluate the mark-up, CSS Style Sheet(s) and Accessibility of your site.
- You are able to demonstrate and document planning and testing your site.

Description

The assignment is to create a web site containing a **minimum** of **6** sections/pages/subtopics to present **one** of the following areas. Select one from the topics below-

- The role of web standards.
- Technology and an ageing population.
- Designing for a Sustainable web.
- A guide to Web Typography
- A beginner's guide to CSS.
- POUR principles of web accessibility.
- SEO strategy and techniques for web design.

You should define carefully the aims of the website and the audience for whom the site is intended. The **original** content researched and created by you, should be sufficient to demonstrate meaningful mark-up.

You will have an opportunity to discuss your topic, proposed research and a plan during a scheduled session.

You will sign up for this in week 4 and 5.

Report and Supporting Documentation

The report in a **pdf** format in the region of **2000 words** should be included to support your assignment.

The report should:

- Describe any prior planning and research you carried out and your decisions in relation to the design, content and site management techniques in use. Describe the methods you have used in testing and evaluating the site.
- Acknowledge the sources of any material used in the site and reference any materials used when planning, designing and evaluating the assignment.
- A **sample table of contents (figure 1)** exists as a guide for your report structure.

Submitting your Assignment

Your files and report should be uploaded to the A1 - assignment 1 slot on MMS.

Marking guidance

<https://info.cs.st-andrews.ac.uk/student-handbook/learning-teaching/feedback.html>

Lateness

The standard penalty for late submission applies (Scheme B: 1 mark per 8 hour period, or part thereof):

<http://info.cs.st-andrews.ac.uk/student-handbook/learning-teaching/assessment.html#lateness-penalties>

Good Academic Practice

The University policy on Good Academic Practice applies:

<https://www.st-andrews.ac.uk/students/rules/academicpractice/>

Matriculation No	IS5103 Web Technologies
Assignment Report	
PRIOR PLANNING AND RESEARCH	1
AIMS AND AUDIENCE	2
DESIGN AND CONTENT	3
ACCESSIBILITY	5
TESTING	6
APPENDICES	7
EVIDENCE OF PRIOR PLANNING	8
ACCESSIBILITY RESULTS	8
VALIDATION	9
FUNCTIONALITY AND COMPATIBILITY	9
REFERENCES	10

Figure 1: Sample Report structure