**ASSESSMENT BRIEF**



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| **Title and Code of Minor Award:** | Web Authoring 6N2532 | | |
| **Class:** | NM6 / ACS6 | | |
| **Title:** | Develop a website using HTML, CSS, and JavaScript | | |
| **Assessment No. and Technique:** | 2-Assignment | **Weighting (%):** | 60% |
| **Issue Date:** | w/b 8th Nov 2021 | **Submission Date:** | 21st March 2022 |
| **Feedback Date:** | April 2022 | **Teacher Name:** | T. Brides |

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| **Learning Outcomes: LO 7,9,11,12,16,23,25,26,27,31,21,32,15,10,13,14,20,5** |

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| **Learner Name (Print):** |  |
| **I confirm that I have kept a copy of my work and that this is my own original work.** | |
| **Signature:** |  |

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| **Assessment Criteria** | **Max. Mark** | **Learner Mark** |
| **HTML Markup and Cascading Style Sheets**  7. Examine the file formats suitable for use in Web Publishing with regard to text, graphics, audio and video files  9. Utilise various HTML and cascading style sheets (CSS) techniques to processes and format images and text  11. Use the correct tags to insert multimedia files to include: sound files, video, shock wave and flash  12. Implement the correct tags to insert special symbols or characters | 24 |  |
| **Scripting Elements in Web Authoring**  16. Insert scripts in HTML  23. Insert a hit page counter into a website  25. Use scripting language to implement browser plug-in detection, status bar messages, scrolling status bars, rollovers cycling animations, slide shows, dynamic frames, form verification, new windows, cookies and dynamic webpage updates  26. Use debugging techniques to remove errors | 13 |  |
| **Web Production**  27. Create an interactive website 31. Produce a logical, consistent &functional navigation solution for the site  21. Ensure that site content is accurately and clearly presented using an effective and appropriate layout  32. Design a suitable and consistent user-friendly interface for the site  15. Generate HTML tags using an HTML editor 10. Utilise comment and meta tags appropriately  13. Apply red, green, blue (RGB) colour system in hexadecimal  14. Implement web-safe colours  20. Produce readable and printable text having regard to web typography, typefaces, and alternatives, and proofread as required  5. Examine browser compatibility of HTML editors | 23 |  |
| **Subtotal** | **60** |  |
| ***Marks deducted for Late Submission:*** | |  |
| **Total Mark:** Mark is **provisional** and subject to change by the external authenticator. | |  |

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| **Teacher Feedback: It is the learner’s responsibility to be in class when feedback is being given.** |
| **Strengths:** |
| **Areas for improvement:** |

**Presentation Guidelines:**

Students are required to upload their project files, brief and accompanying report to Moodle on the due date.

The report can be produced in the following formats:

* Word document report
* Video / screencast spoken report
* An additional page on your website

Files should be saved in a zip folder labelled Surname-Firstname-ASG2-(classname).zip.

Find relevant information in notes on student common. See module descriptor marking sheet (attached) for marking scheme.

**Brief/Task:**

You are required to design a website containing a minimum of three pages. This website must relate to the course you are taking.

For example, journalism students (NM6) must produce a personal portfolio of work completed as part of other modules.

ACS students must design a template for an online store.

Candidates must demonstrate the correct use of Hypertext Marking Language (HTML) and Cascading Style Sheet (CSS) and JavaScript (JS).

Your website should be of good visual and aesthetic quality.HTML and CSS code should be commented. Please reference where appropriate, you will receive no marks for copy and pasting from the internet.

Your report should include the following sections and headings:

**HTML Markup and Cascading Style Sheets (24 marks)**

**File Formats**

**Examine the file formats suitable for use in Web Publishing** LO7 – 2 Marks

In your report, explain the difference between PNG images and JPEG images, and in what situation each would be suitable for insertion into web pages.

**Image & Text Processing**

**Utilise various HTML and cascading style sheets (CSS) techniques to processes and format images and text. LO9 – 16 marks**

In your report, explain with examples from your HTML and CSS code, how you designed and manipulated any 4 of the following HTML elements for your website. Show and explain how you changed the style of each element with reference to a CSS selector, id or class.

* Paragraphs
* Images
* Links and pseudo selection of links
* Headings
* Lists
* A div area
* Another larger selection area such as a header, footer or nav

4 marks each – 1 mark for showing the HTML Code, 1 Mark for showing the CSS code and 2 marks for explaining what the code is doing.

**Multimedia Files**

**Use the correct tags to insert multimedia files to include: sound files, video, shock wave and flash - LO11 – 4 Marks**

In your report, show the HTML code snippet/screenshot and a reference to the page where you inserted 2 of the following onto your website:

* A sound file
* A video file
* A PDF or Word Document link

**Symbols & Characters**

**Implement the correct tags to insert special symbols or characters – LO12 – 2 Marks**

In your report, explain how and where you inserted 2 special symbols or characters into your website. Give reference to the entity name number, decimal, or hexadecimal that you used to create each one.

**Scripting Elements in Web Authoring (LO16 - 13 marks)**

**Use JavaScript to implement any 3 of the following features on your website (LO 25 + LO 23)**- **4 marks each**

* Hit page counter
* browser plug-in detection
* status bar messages
* scrolling status bars
* rollovers cycling animations
* slide shows
* dynamic frames
* form verification
* new windows
* cookies
* dynamic webpage updates

In your report, demonstrate where and how you implemented 3 of the above and show that you ran one of the JavaScript pages through a debugger. (LO26) - **13 Marks**

**Web Production (28 marks)**

Your report should include the following sections:

**Navigation** (LO31 + LO10) – **4 marks**

* A demonstration of your website’s navigation bar (1 mark)
* A working navigation bar with no broken links (1 mark)
* A code comment in HTML comment style describing how your navigation structured   
  (1 mark)
* A code comment in CSS comment style describing how your navigation is styled & works.   
  (1 mark)

**Layouts & Design** (LO21 + LO32 + LO27) **– 8 Marks**

* How well your website conforms to basic design concepts of contrast, alignment, colour, consistency and repetition (4 marks)
* Demonstrate two related pages to your planning wireframes in two different browsers (IE, Chrome, or Firefox) and in mobile view (4 marks)

**SEO** (LO10) **– 4 Marks**

In your report, demonstrate code from 2 pages that shows appropriately changed <title> and <meta name="description"> from 2 pages

**Colour** (LO13, LO14) – **4 Marks**

In your report, a discussion about 2 of the main colours you used on your website. State why you used the colours, or what the colour means to your target audience. State how you applied them via CSS to various elements on your website.

**Text / Fonts** (LO20) – **4 Marks**

In your report, explain two different fonts used on your website. State the font names and type of font they are (serif, sans-serif etc). Show where you used each one. State your reason for choosing each font.

**Website Checking** (LO5) **– 4 marks**

In your report, show as evidence that you have checked 2 of your website pages against W3C standards HTML & CSS Check(s). Explain the meaning of 2 errors reported during these checks.