

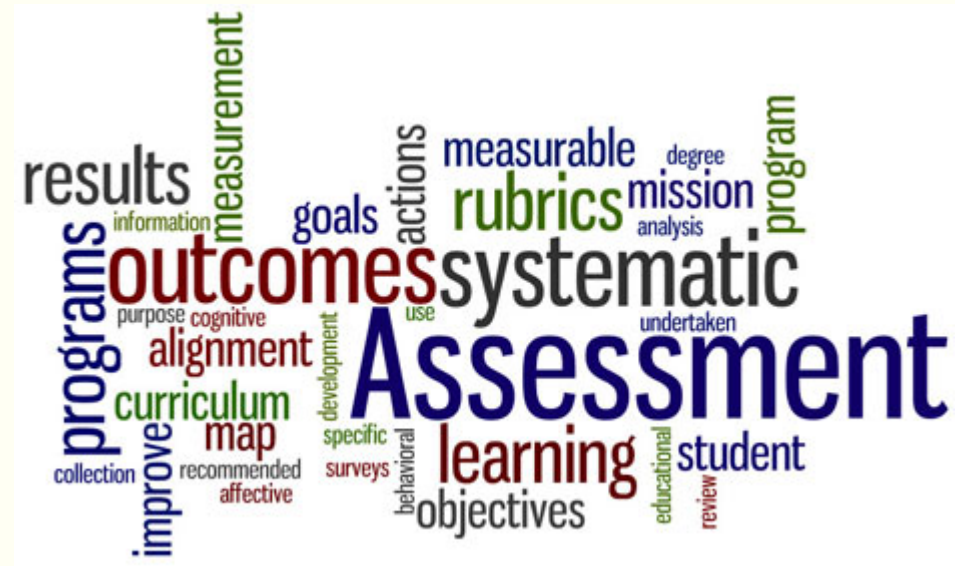
MOBILE TECHNOLOGY: WEB PAGE CREATION

Lecturer: Mark Gillan



The Unit

- Unit Title is
Mobile Technology: Web Page Creation
- Unit Code is
H1T2 11
- 1 National Unit credit at SCQF Level 5
(6 SCQF credit points at SCQF Level 5)
- Total of 3 Outcomes
- Working knowledge of the basics of a computer system would be an advantage



Purpose of the Unit

- The purpose of the unit is to provide candidates with an opportunity to develop their knowledge and understanding of the fundamental design considerations in web pages for mobile devices
- Candidates will also develop practical skills in the creation of mobile web pages and considerations that must be brought into the design process
- Part of the NC Technical Support / Cyber Security course
- The content of Outcome 1 should focus on the theory underpinning the development of webpages for a mobile device
- Candidates are expected to take a project based approach to Outcomes 2 and 3
- Outcome 2 should see the candidate develop their own media file to be used in their mobile website. A short report on the steps involved is required.
- The web pages that are to be developed in Outcome 3 should be hand-coded

The Learning Outcomes

- **Outcome 1:**
Identify the basic technical and design considerations in creation of a website for a mobile device.
- **Outcome 2:**
Produce and optimise media suitable for viewing in a range of mobile devices.
- **Outcome 3:**
Create a web page for use on a web server that will be viewed on a mobile device.



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- Outcome 1: Theory, short answer responses / multiple choice
 - Outcome 2 and 3: Project based
 - Outcome 2: Production of media, at least two different types of digital media files. Must be suitably optimised without poor quality and download speed does not impair the user experience
 - Outcome 2: Production of a report including the steps taken by the candidate mentioning the source file, software used and copyright acknowledgement
 - Outcome 3: Upload website to a web-server and verify the page is operational. Web pages must meet standards and be checked and validated to current guidelines. HTML and CSS with use of certain features

