

UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS

**Cambridge International Diploma in ICT
Standard Level**

Scheme of Work

5197
Website Authoring
Optional Module



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International Examinations

Introduction

This Optional Module is about using basic web page authoring tools to create a simple website with internal and external links.

What is assessed in this Module?

- locating information from a website
- downloading information from a website
- setting up external style sheets for use on all pages
- create styles (H1, H2, H3, P, LI)
- specify font attributes
- apply style
- creation of web pages
- creating links
- text link
- graphic link
- same page
- other pages
- external sites
- insert image
- alter image attributes
- use of tables
- specify borders
- merge cells
- editing of pages
- saving web pages
- printing web pages

Tutor preparation required to Deliver this Module

You will need:

- to decide on web pages to show to the students from:
 - reference copies
 - viewing on the Internet
 - scenarios prepared for students to use to create pages

Underpinning Knowledge

- prior learning including all performance criteria from Foundation Level Website Design
- an understanding of the use of web pages
- an understanding of the use of colour, graphics, links, stylesheets

General Principles and Procedures

You should prepare your notes for this session to include:

- aesthetic considerations including colour (use of, suitability and impact)
- use of minimal amount of text
- positioning of text and graphics

Scheme of Work

Assessment Objectives	Performance Criteria	Classroom Ideas	Resources	Notes
Session Plan One				
<ul style="list-style-type: none"> different design features on web pages to create a homepage with menu options to apply menu options to all pages to insert an image 	1.1.1 1.2.1 3.1.1 3.2.1 6.1.1 3.1.1 3.1.2 3.2.1 5.1.1 6.1.1	<ul style="list-style-type: none"> review web pages of other organisations download information to be used in web pages create a homepage on a topic of interest with menu options create links to other pages save and print pages apply menu options to all pages within the site created above inserting graphics on each page, considering their size, position and purpose on the page 	<ul style="list-style-type: none"> current web addresses handouts and instructions 	<ul style="list-style-type: none"> watch and do. Demonstration by tutor to look at various websites demonstration on how to create homepage menu options with links collect data to enable activity of creating alternative web pages for organisation scan images – if necessary
Session Plan Two				
<ul style="list-style-type: none"> to create a link to open a page in the same window to create a link to open a page in a new window to understand the use of style sheets to use external style sheets to create more than one web page within a site 	3.2.1 3.2.2 2.1.1 2.1.2 2.1.3 2.1.4	<ul style="list-style-type: none"> consider professional websites and the purpose of opening links in same or new window study HTML for opening in new/same windows used in other web pages produce web pages with links for external organisations set up and use external style sheets for text styles 	<ul style="list-style-type: none"> handouts and instructions 	<ul style="list-style-type: none"> make sure that at least 3 levels of heading styles are used – H1, H2, H3 make sure that paragraph style – P and Bulleted List style –LI is used

Assessment Objectives	Performance Criteria	Classroom Ideas	Resources	Notes
Session Plan Three				
<ul style="list-style-type: none"> to insert a table in a web page to specify table borders to merge cells within a table to place an image relative to the text to edit an image size to edit image properties like colour depth to select the correct file format depending upon requirements 	4.1.1 4.1.2 4.1.3 5.1.1 5.1.2 5.2.1 5.2.2	<ul style="list-style-type: none"> review the use of table in other selected websites improving layout with the use of tables placing images both in and out of tables editing graphic size using HTML tags use graphics software (other than the browser) to resize graphics use graphics software (other than the browser) to change colour depth discuss and practise saving images in different file formats, understanding the advantages and disadvantages of each 	<ul style="list-style-type: none"> current web addresses handouts and instructions additional image manipulation package/s 	<ul style="list-style-type: none"> it is important that students maintain the aspect ratio of images whilst editing image size common file formats like GIF and JPG would be sufficient at this level
Session Plan Four				
<ul style="list-style-type: none"> produce a final website using all the features: tables, styles, graphics, links and downloaded files and graphics. Save and print 	All	<ul style="list-style-type: none"> produce web pages with links to other pages and to URLs and email addresses download information from specified URL improving layout with the use of tables set up and use external style sheets for text styles understand why used inserting graphics using as links alter image from original size/colour save and print 	<ul style="list-style-type: none"> handouts and instructions access to the internet to seek out resources to enhance websites specific URL with resources available to download to assist in creation of web pages 	<ul style="list-style-type: none"> collect data to enable activity of creating alternative web pages for organisation. scan images – if necessary seek out sites on Internet on web page creation
Session Plan Five				
<ul style="list-style-type: none"> specimen paper 	All	<ul style="list-style-type: none"> specimen paper 		

Session Plan Six				
	All	<ul style="list-style-type: none"> • debrief • further Practice 	<ul style="list-style-type: none"> • marked papers for return 	
Session Plan Seven				
<ul style="list-style-type: none"> • undertake Website Design Assessment 		<ul style="list-style-type: none"> • Website Design Assessment 		