

/50

NOTE: this test is not assessing your PHP skills, therefore you do NOT have to implement header or footer files.

An illustration of the web page you are trying to create is attached as the last sheet.

1. Term Test Submission

(10 marks)

- a. Verify that your page validates to the XHTML 1.0 Transitional standard, using the validator found at <http://validator.w3.org> (NOTE: if this validator goes down, Google search “XHTML Validator” to find another, there are several on the Web)
- b. Verify that your CSS validates to the CSS standard, using the validator found at <http://jigsaw.w3.org/cssvalidator/>
- c. For full marks you should publish your modified website out onto the course webserver, into your working directory (i.e. `/var/www/html/inft1206/lastnamefirstinitial`). Be sure to copy out all of your files out onto the server (they have all changed, including your existing files).
- d. The `intf1206.css` file should be placed in a “`css`” subdirectory (already done as part of lab 3, or fix for the test)
- e. The term test images sub be stored in an “`images/courses`” subdirectory relative to your user directory.
- f. Be sure to save your html file as “`termtest1.html`”
- g. For backup also compress/zip your “`lastnamefirstinitial`” folder (with your whole website), attach the file into the “**INTF1206 Term Test 1**” assignment in DC Connect.
- h. Provide a clickable HTML link in the comment section of DC Connect to your `termtest1.html` file on the opentech server
- i. Include the validation images (for both XHTML and CSS) when your page validates, location is not important (leave them where they were after lab 3 if you want).
- j. **YOU MUST HAVE YOUR FILES PUBLISHED ON THE opentech SERVER, A BACKUP COPY OF YOUR `lastnamefirstinitial` FOLDER ZIPPED UP AND UPLOADED INTO DC CONNECT, A CLICKABLE HTML LINK PLACED IN THE COMMENTS BY END OF CLASS @ 12:00pm.**

****THERE WILL BE A 1 MARK PENALTY PER MINUTE THAT YOU ARE LATE.****

Please only use *.zip file extension.

2. Cascading Style Sheets Page Requirements**(10 marks)**

You are to leave all of your existing css selectors alone, your new page should still implement the same colour scheme as the rest of your existing site. The black and white illustration on the last page was created for displaying purposes only.

- a. Add (or modify) a style in your **inft1206.css** style sheet to include the following style for the h3 selector that implements the following, it makes your heading 3 <h3> tags:
 1. 20 point (not pixel) font
 2. Italic
 3. Underlined
 4. Helvetica font-family
 5. Inline (instead of the default block display)
- b. Add (or modify) a style in your course **inft1206.css** style sheet for the style for the code selector that implements the following, it makes your code <code> elements:
 1. 14 point (not pixel) font
 2. bold
 3. Consolas font-family (Courier New should be the second choice for this selector in case Consolas is not supported)
- c. The new page that you are creating for this test should incorporate your modified css file (i.e. include the <link> in the head of your document).
- d. Be sure to make the main title on the table is a <h3> element (so it implements the style selector you have created)
- e. All of the course codes should be <code> elements (so it also implements the style selector you have created)
- f. This file should exist in a **css** sub-directory, relative to your development directory
"lastnameinitial" (same as the assignment)

3. Produce a Web Page with a Table**(20 marks)**

- a. Produce a file named **termtest1.html** that implements the modified inft1206.css file produced in part 1.
- b. Be sure to have an HTML comment at the top of your page with your name, the date, the file name, and the purpose of the file.
- c. Produce an HTML web page that looks identical to the web page illustrated on the last page. Identical implies that you should use the exact same phrases and layout in the example provided.
NOTE: there is only one (1) table that exists in the main part of the page, it happens to have 9 rows and 4 columns. The outer table was the same one created as part of lab 2 (i.e. your table layout assignment).
- d. The table for this test does not span the whole width of and is centered in the main page content cell of your page layout, your table should do the same.
- e. Pay particular attention to the horizontal and vertical alignment, and note that some cells span multiple rows or columns.
- f. Be sure to personalize the <title> on the page to reflect your information not the instructors. It should say **"YOUR_NAME's Term Test 1"** (where YOUR_NAME is your first name)
- g. The only thing that should be different is that the banner and the navigation bar: they should be the one that is implemented on your previous lab pages: index.html, lab1.html, lab2.html and your lab3.html.
- h. Note: you have to include the copyright symbol © and the year in the footer of the page layout table (see output below) and an XHTML valid ampersand in Data Communications & Networking and in Computer Programming & Analysis. The XHTML and CSS validation images do not have to be part of the table (they can be if you want).
- i. Note: the title in the table (e.g. *"Semester 1 Computer Courses"*) is a **<h3>** element and each Course code is a **<code>** element in the table. These implement your styles created in the CSS section above. The table headers in the 2nd table row should exist in **<th>** tags.

4. Links and Images (10 marks)

- a. The images for the various courses can be found on DC Connect in the “**Term Test 1**” assignment, make copies and place them in a new **courses** sub-directory in your working **lastnamefirstname/images** directory
- b. Implement the images so that they look identical to the page below (approximate sizes should be matched using the *width* attribute).

NOTE: be sure to have all the images on the page even if they are not embedded in the table created above (to receive the marks for including the images on the page).

- c. The alt attribute for each of the course logos should be their course code (e.g. alt="cosc1100")
- d. In the navigation bar should have clearly labeled links (see figure below) to all of your other pages: index.html; lab1.html; lab2.html; and, lab3.html files
- e. Add links on your existing webpages’ navigation bars to the new termtest1.html page to make the page part of your website.
- f. Create <a> links for the following words on your page so they take you to the target:

WORD(S)	TARGET VALUE
INFT1206	The INFT1206 course website. For full marks MAKE THIS LINK A RELATIVE LINK (i.e. no http://) This is possible because the course website is on the SAME SERVER as your webpage
Computer Programmer & Analysis (at the bottom of the table)	https://durhamcollege.ca/programs/computer-programming-analyst-three-year

Illustration

YOUR SITE LOGO GOES HERE

INFT1206 Term Test 1

This web page will implement several topics that have been covered in the Web Development - Fundamentals *INFT1206* CRN:13839 course this semester at *Durham College*. This page implements the XHTML 1.0 standard (see validation image below), HTML Tables, and is styled using Cascading Stylesheet Sheets.

Semester 1 Computer Courses

	Course Name	Course Code	Credit Hours
	Communication Foundations	COMM 1100	3.0
	Computer Systems - Hardware	COMP 1116	4.0
	Intro to Programming	COSC 1100	6.0
	Data Communications & Networking 1	INFT 1104	4.0
	Introduction to Databases	INFT 1105	4.0
	Mathematics for IT	MATH 1114	3.0

Course names and codes come from the *Computer Programming & Analysis* program information site.

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WSC CSS WSC XHTML 1.0