POLYTECHNIC WEST

UNIT CODE & TITLE: HWD101 Web Programming	NAME OF STUDENT	STUDENT ID. NO.
NAME OF LECTURER Frank Robson		**DUE DATE** 22/11/2013

TOPIC OF ASSIGNMENT
Project

Group or tutorial *All students*	Course ASSOCIATE DEGREE OF NETWORK TECHNOLOGY ASSOCIATE DEGREE OF SOFTWARE DEVELOPMENT (MOBILE APPLICATIONS)	Campus Thornlie

I certify that the attached portfolio is my own work and that any material drawn from other sources has been acknowledged.

Copyright in assignments remains my property. I grant permission to the Organisation to make copies of assignments for assessment, review and/or record keeping purposes. I note that the Organisation reserves the right to check my assignment for plagiarism. Should the reproduction of all or part of an assignment be required by the Organisation for any purpose other than those mentioned above, appropriate authorisation will be sought from me on the relevant form.

If handing in an assignment in a paper or other physical form, sign here to indicate that you have read this form, filled it in completely and that you certify as above.

Signature   **Date**

OR, if submitting this paper electronically as per instructions for the unit, place an '**X**' in the box below to indicate that you have read this form and filled it in completely and that you certify as above. Please include this page in/with your submission. Any electronic responses to this submission will be sent to your Polytechnic West email address.

Agreement   [ ]   **Date**

PROCEDURES AND PENALITIES ON LATE ASSIGNMENTS
Please refer to Application for Deferred Assessment form

- A student who wishes to defer the submission of an assignment must apply to the lecturer in charge of the relevant unit or course for an extension of the time within which to submit the assignment.
- Where an extension is sought for the submission of an assignment the application must: be in writing – preferably before the due date: and clearly state the grounds on which deferral is sought.
- Assignments submitted after the normal or extended date without approval shall incur a penalty of loss of marks.

ACADEMIC MISCONDUCT
All forms of cheating, plagiarism or collusion are regarded seriously and could result in penalties including loss of marks, exclusion from the unit or cancellation of enrolment.

- -

ASSIGNMENT RECEIPT
To be completed by the student if the receipt is required

UNIT	NAME OF STUDENT	STUDENT ID. NO.
NAME OF LECTURER		**RECEIVED BY**
Topic of assignment		**DATE RECEIVED**

Instructions

Introduction

Design, write and validate a series of web pages for a website which conforms to the HTML5 and CSS standard.

Design

Write a short (2 page) design brief for the website. The brief will be written as a Word document and will include

- An introduction outlining
    - the **topic** and **purpose** of the website. The topic is your choice however it must be approved by the assessor prior to commencement.
    - The browser and display resolution for which the website is designed.
- A **wireframe drawing** of each of the webpages needs to be submitted along with the website. Only include those which are unique (if two pages have the same layout but different content they are not unique). These drawings should be inserted as images into the Word document.
- For each page list (This can be done as part of the wireframe)
    - the proposed size of each section/division on the page.
    - the fonts to be used
    - images to be used (and their source)

Writing the pages

The content and layout of the pages is your decision, however the following are the **minimum required items** that will enable you to get full marks.

- More than one image
- Sufficient text and images on each page to fill at least one screen
- At least one image needs to be associated with an image map.
- At least one table (for tabulated data not layout)
- At least one bulleted or numbered list
- A clickable email link
- At least four interlinked pages
- A horizontal menu created using CSS.
- The main page is to be called **index.htm**.
- All images are to be in a sub-folder **images**
- All stylesheets are to be in a sub-folder **styles.** If the style sheet refers to an image then the image should be stored in the styles folder along with the stylesheet.
- All HTML files must use at least one stylesheet (CSS file) which provides
    - all of the text and image formatting required for the site
    - all of the layout for the site
    - divisions are to be used for layout
    - tables and frames are not to be used for layout
    - there should be NO formatting in any of the HTML documents
- The web pages must display correctly in
    - in Firefox (v21+), Chrome(v27+) and Internet Explorer (v8+)
        - if you use features available only in one browser or a higher browser version please ensure that you state this in your design brief.
    - At a screen resolution of 1024x768. This requirement is flexible however the optimum screen resolution should be stated in the design brief.

- Using JavaScript
    - Include a digital clock display in the homepage of your site (The clock must update itself every second)
    - Include an image which switches when the mouse is rolled over the image

Validating the pages

All HTML and CSS files need to be validated.

- The validation pages need to be submitted in pdf format. You can do this from Google Chrome which has a native save page to pdf utility.

Final submission

Zip all files and folders into a single file and submit using Moodle. Include

- Design Brief
- Website with all resources (files and images)
- Validation pages as pdf files

Marking Guide

The project is worth 35% of your final grade for the Web Programming unit but will be marked out of 100. The marks will be divided as follows

Item	Mark/100	Checklist
Design Brief	20	☐
Website (conformance to stated minimum required items)	40	☐
Website (layout of code)	5	☐
Website (conformance to design brief)	10	☐
Website (Javascript implementation)	5	☐
Validation Pages (validation done and errors corrected)	20	☐
	100	