

Web Development

Produced
by

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<http://www.wit.ie>

<http://elearning.wit.ie>



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Project One

Project One: Introduction

- For this assignment you are required to create a web site containing a topic area provided to you in your computer essentials module.
- You will need to demonstrate proficiency in coding HTML and CSS
- The skills to be demonstrated will be based on both lectures and labs covered so far
- All HTML and CSS content needs to be hand-coded (i.e., not automatically generated by a an HTML or CSS editor)
- You will be assessed on both visual, technical (e.g., features), and organizational (e.g., file naming scheme) aspects.

Project One: General Requirements

- Consistency across pages
- Combination of HTML and CSS
- Clear and consistent file naming scheme
- Clear and consistent site structure (e.g., folders)
- Clear and consistent code nesting and indentation

Project One: Requirements for HTML

- Use HTML tags introduced during the class
- Multi-columns layout
- Validate HTML code (<http://validator.w3c.org>)
- Use a combination of text and images, where appropriate
- Use of classes and DIVs
- Separate content and style as much as possible using CSS

Project One: Requirements for CSS

- Application of CSS rules
- Multi-columns layout through DIVs and CSS rules
- Use of the box model and its attributes for clarity
- Use of internal, inline and external style sheets
- Application of specific, inheritance, default, most specific, and ordering match
- Leverage inheritance and CSS grouping properties to minimize necessary CSS code (e.g., group similar rules)

Project One: Testing/Assumptions

- Project will be assessed using latest version of Chrome
- Screen resolution will be assumed to be to 1024x768
- You may decide to create a version of the website that accounts for users with visual impairments

Project One: Marking Scheme

- Quality - 40%
 - Quality of code, including well formed, valid, proper indentation, all links working
- Structure - 30%
 - including coherent folder structure, appropriate use of structural elements (particularly divs) and classes
- Style - 30%
 - including overall look & feel, coherent use of CSS

Project One: Indicative Marking Scheme

- <40% (Fail): Very few features have been implemented. The pages contain errors that prevent it from being displayed properly (i.e., not validated).
- 40 - 50%: Students have implemented most of the features requested. The web site can be displayed with no errors (i.e., validated).
- 50-69%: All features have been implemented. The code is commented and indented correctly using a proper naming scheme.
- 70% or more: Students have demonstrated all the above to a high level of proficiency (e.g., visual and technical quality). In addition the students have demonstrated independent learning by adding some functionalities that have not been covered during the classes or labs

Project One: Originality

- The project must be your own work and we will verify the originality of the work against the Web + other student submissions.
- We prefer you to hand-code this project. However, if you do re-use techniques sourced externally, we expect
 - You to understand these techniques
 - Specifically include a reference to the source of the technique (failure to attribute is considered plagiarism)

http://www.wit.ie/images/uploads/Policies_PDF/Academic_Regulations.pdf

Page 69

Project One: Delivery

The submission should include:

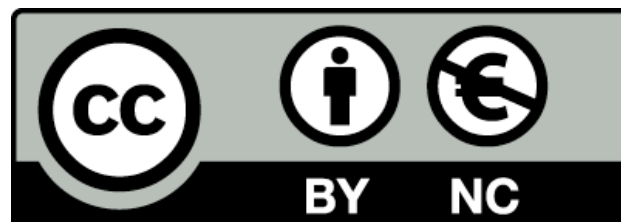
- All files included in your website
- An implementation document that lists the features implemented (e.g., two columns) and that describes any issue/s you have encountered while developing the site (i.e., for the features not implemented)
- A readme file (text file) that indicates the first page to be opened for this website
- All content needs to be included in a zipped folder labeled with your student number

Project One: Submission

- The project needs to be submitted on or before the deadline
- Late submission will result in grading penalty
- The assignment needs to be submitted via Moodle using the dedicated submission folder
- All content needs to be included in a zipped folder labeled with your student number

Project One: Submission

Good luck.



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