

Module Overview

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Module Delivery

- Tuition Team:
 - Dr. Rosanne Birney (rbirney@wit.ie)
 - Catherine Fitzpatrick (cfitzpatrick@wit.ie)
 - Mary Lyng (mlyng@wit.ie)
 - Mairead Meagher (mmeagher@wit.ie)
 - Deirdre O'Halloran (dohalloran@wit.ie)
 - Trish O'Neill (troneill@wit.ie)
- 12 Week Module
 - 1 lecture
 - 3 hours supervised lab
 - 100% Continuous assessment
 - 2 Assignments during term

Module Description

- This module introduces the student to the creation and development of web based applications.
- The student will become skilled in HyperText Markup Language (HTML) and Cascading Style Sheets (CSS), to enable the creation of a well-structured aesthetically pleasing static website, while meeting accessibility compliance standards.
- The student will be able to enhance the layout of websites, using a CSS Framework.

Learning Outcomes

On successful completion of this module, a student will be able to:

1. Demonstrate the ability to create a well-structured static website using HTML.
2. Demonstrate the ability to present and control the format of web pages using CSS.
3. Develop a standards compliant accessible website.
4. Demonstrate the ability to enhance the layout of a website using a CSS Framework.
5. Deploy an aesthetically pleasing website.

Indicative Content

- Basic Document Construction(HTML features).
- Styling with CSS.
- Use of a CSS Framework.
- User Experience(UX) and website design.
- Templating.
- Deployment of a static website.

Supplementary Material

- "W3Schools."
- Castro, E. and B. Hyslop. *HTML and CSS: Visual Quickstart*. 8th ed. Berkeley: Peachpit Press, 2014.
- Felke-Morris, T. *Web Development and Design Foundations with HTML5*. 7th ed. London: Pearson, 2015.

Assessment Methods

- Continuous Assessment: 100%
 - 2 Assignments given during the Semester.
- On a weekly basis, you will complete work set out in the computer-based practical. Failure to complete this work will lead to failure of the module.