

COURSE DETAIL

WEB DESIGN

Country

Ireland

Host Institution

University College Dublin

Program(s)

University College Dublin

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

110

UCEAP Course Suffix**UCEAP Official Title**

WEB DESIGN

UCEAP Transcript Title

WEB DESIGN

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

Topics covered in this course include HTML syntax, composition, and validation; cascading style sheets (CSS); basic dynamic scripting examples; site planning, visual information management, and responsive design; digital image formats; and Search Engine Optimization (SEO). Students provide markup for various HTML elements, attributes, and values associated with the representation of web page content. They use CSS to effectively control the presentation of websites and understand the usefulness of incorporating dynamic scripting into web sites. This course teaches students how to differentiate between alternate image formats that are appropriate for web use, make responsive design layouts using CSS Grid and Flexbox, and understand the importance of consistency, structure, and aesthetics of design and how to achieve these. Students learn current W3C standards and recommendations when planning, designing, and publishing a website.

Language(s) of Instruction

English

Host Institution Course Number

COMP10310

Host Institution Course Title

WEB DESIGN

Host Institution Campus

Host Institution Faculty

School of Computer Science

Host Institution Degree

Host Institution Department

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