

# RESPONSIVE WEB DESIGN Introduction



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## Course Description

Responsive Web Design attempts to deliver a consistent experience to a wide variety of mobile and desktop devices by allowing you to create one set of content, choose layout adjusts for mobile, tablet, laptop and desktop users.

With a growing number of end-users now solely accessing their online content via mobile devices, responsive web design is becoming more and more important.

Using HTML, CSS and Javascript, this course introduces responsive fundamentals, including fluid grids, media queries, flexible images and mobile-first thinking.

**Pre-requisites for attending:** A familiarity with HTML and CSS. Any exposure to Javascript is useful, but not essential.

This training course is bespoke, giving you the opportunity to tailor the content to your exact requirements. If you need a starting point, use the course outline below as a guide. The important thing to remember is that it's your course - tell us your goals and we'll help you achieve them.

Should you wish further develop your knowledge, you might be interested in some of our other Web Design Courses.

The course runs from 9.30 am to approximately 4.30 pm.

### Introduction

An introduction to Responsive Design.  
One set of content, and many devices.  
Mobile First  
Content-out, not canvas-in.

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### Responsive CSS and HTML

Fixed and fluid grids  
Media queries  
~~Box-sizing, margins and padding.~~  
Responsive grid frameworks  
Viewports  
FlexBox and future layout developments

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### Text

Working with text in fluid layouts.  
Relative units EMs, REMS, vw, vh  
Margins, padding and layout considerations.  
Making a sentence responsive.

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### Images

Markup for responsive images  
The picture element and srcset  
The PictureFill polyfill  
Retina screens.  
Icon fonts and SVG.

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### Media

Creating responsive tables.  
Working with video.

### Javascript

Relevant Javascript  
Responsive techniques with jQuery  
Responsive navigation/menu patterns  
Conditionally loading content with AJAX.

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### Tools

Testing tools.  
Web resources and books.

"A highly professional company run by knowledgeable, friendly people"

