

Responsive Websites, Part 2: Page Layout

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Prerequisites: This course assumes familiarity with using HTML and CSS. This course is part of a 4 part learning series. The courses should be taken in the following order; Building Responsive Websites: Introduction; Building Responsive Websites: Page Layout; Building Responsive Websites: Type & Screens; and Building Responsive Websites: Finishing Touches.

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Course description: Building Responsive Websites will become easier after you take this 4 part learning series. In these courses you'll get an introduction to the theory of a responsive website. You look at items that will need to be considered before you start building your site. Then you'll see how to design and build mobile first sites, with more smart phones on the market than desktop computers this is a very important consideration. Next you'll see how to layout your web pages, how to use a grid, apply media queries and breakpoints. Then you'll learn how to apply the correct fonts and typesetting. Then what to show and hide in a website and why you need to adjust the web page to various screen sizes. Then you'll see what a flex box is, use responsive images, create navigation lists, and finally testing your page.

Course outline:

Page Layout

- Introduction
- Page Layout
- Design Principles
- Grid Layout
- Grids Are Used in
- Grids
- How to Use a Grid
- Simple Grid Layout
- Reasons to Use a Grid
- Why Use Grids
- Why Use Grids in Web
- Problems & Solutions
- Grid Layouts & HTML
- CSS Grids
- 960 Grid
- 960 Grid Templates
- Grids for the Web
- Summary

- Responsive Grids
- Fluid Grids
- Fluid Grid Screens
- Responsive Grids
- Summary

Media Queries

- Introduction
- CSS Media Query
- Styling with Media Queries
- Device-Based Media Queries
- CSS for Different Devices
- Summary

Breakpoints

- Introduction
- Breakpoints
- Set up Breakpoints
- Summary

Grids

- Introduction
- Why Use Grids
- Why Use Grids in Web
- Types of Grid for Responsive
- 960 Grid
- 960 Grid Templates
- Responsive Grid Templates