

# Domain 4 Lesson Plan

Domain 4 - Layouts [approximately 6 hours of videos, labs, and projects]				
Lesson	Lesson Topic and Subtopics	Objectives	Exercise Labs	Workbook Projects and Files
<b>Pre-Assessment</b> Assessment time - 00:30:00	Layouts: Pre-Assessment			
<b>Lesson 1</b> Video time - 00:11:55 Exercise Lab time - 00:28:00 Workbook time - 00:30:00	<b>Layout, Positioning, and Flow</b> Content Flow Element Positioning Content Overflow Basic CSS Styling	4.1 Manage content layout, positioning, and flow by using CSS 4.1.1 Content flow (inline vs. block flow) 4.1.2 Positioning of individual elements (float vs. absolute positioning) 4.1.3 Content overflow (scrolling, visible, and hidden) 4.1.4 Basic CSS styling	Display Layouts More Display Layouts Other Display Layouts Positioning of Elements More Positioning of Elements Further Positioning of Elements Other Positioning of Elements	Content Flow – pg. 43 flow.html Positioning – pg. 44 positioning.html Content Overflow and CSS Reset – pg. 45 main.css
<b>Lesson 2</b> Video time - 00:08:50 Exercise Lab time - 00:04:00 Workbook time - 00:35:00	<b>Responsive Design Part 1</b> Grid View Background Size Images and Pictures Viewports	4.2 Construct layouts by using responsive design 4.2.1 Grid view 4.2.2 Background-size 4.2.3 Images 4.2.4 Picture 4.2.5 Viewport	Meta Tag for Responsive Webpages	Grid View – pg. 48 grid-view.html Background Size – pg. 49 N/A Images – pg. 50 image.html Viewport – pg. 51 about.html
<b>Lesson 3</b> Video time - 00:11:41 Exercise Lab time - 00:24:00 Workbook time - 00:40:00	<b>Responsive Design Part 2</b> Responsive Width Media Queries <b>Flexible Responsive Layouts</b> Flex Container Flex Items	4.2.6 Responsive width 4.2.7 Media queries 4.3 Construct flexible, responsive layouts by using CSS flexbox 4.3.1 Flex container (flex-direction, flex-flow, flex-wrap) 4.3.2 Flex items (flex-basis, flex-grow, flex-shrink, order, flex)	Understanding Responsive Width Understanding Media Queries Flex-Wrap Flex-Grow Flex-Shrink Order Property	Responsive Width and Media QueriesE – pg. 54 mediaquery.html CSS Flexbox – pg. 55 flexbox.html CSS Flex Items – pg. 56 flexbox-items.html
<b>Lesson 4</b> Video time - 00:08:33 Exercise Lab time - 00:16:00 Workbook time - 00:45:00	<b>Grid-Based Layouts</b> Containers Items Templates Gaps and Lines	4.4 Construct grid-based layouts by using CSS grid 4.4.1 Container 4.4.2 Items 4.4.3 Templates 4.4.4 Gap/Lines	Grid-Template-Columns Property Grid-Column Property Grid-Area Property Using Developer Tools with Grids	Grid Container – pg. 59 grids1.html Grid Items – pg. 60 blog.html Grid Templates – pg. 61 blog1.html Grid Gaps and Lines – pg. 62 blog.html