

# CIT125 Web Design & Development

For this lesson read chapter(s).

- Chapter 11

## AREA OF CONCENTRATION:

- The Box Model Pages Chapter 8
- Absolute Positioning Chapter 11

## FILES PROVIDED:

- Boeing 747 Retirement Text.txt
- Boeing Video mp4 (**Instructor's version of the website**)
- Creating Columns Video mp4 (**Course Documents on Blackboard**)
- Text Styling Video.mp4 (**Course Documents on Blackboard**)

## ASSIGNMENT:

Create a two-page website using the Boeing 747 Retirement.txt (**provided**). Both pages will have two columns for 'contents' and 'footer' (**Watch video**) You will use **Embedded Styling** for the page structure (**boxes**).

```
<style type="text/css">
#master
{
    position: absolute;
    padding:0px;
    border:1px solid transparent;
    background-color: #fff;
    width:1200px;
    height:50px;
    top:10px;
}
</style>
```

The right footer will contain the 'secondary navigation' using **page-level styling** and the left footer will contain the reference.

The footer 'background-color' will use a dark gray (**#606060**). The secondary navigation and reference color will be (**#e0e0e0**). Be sure to use the correct folder structure (See Folder Structure Guide).

The styling hierarchy:

1. External Style Sheet (Chp13)
2. Embedded Styling – over-rides External Style Sheet
3. Page-level Styling – over-rides Embedded Styling and External Style Sheet

## CHECK LIST

- ✓ Create master folder: lastnameChp11
- ✓ Create home page: index.htm
- ✓ Create subfolder: index\_files
- ✓ Spelling counts
- ✓ The wrapper width **MUST** be 1200px
- ✓ The master height **MUST** be 2050px
- ✓ **MUST** include document segment
- ✓ **MUST** use box elements with absolute positioning and ems unit of measure
- ✓ **MUST** be two pages
- ✓ Pages **MUST** be two columns
- ✓ All text **MUST** be styled
- ✓ Anomalies **MUST** be corrected
- ✓ All paragraph text **MUST** be left aligned
- ✓ All work **MUST** be your own
- ✓ Header tags are **NOT** to be used
- ✓ Your master folder **MUST** be compressed
- ✓ Submit assignment to blackboard by mid-night Sunday **September 29**

**"All assignments must be submitted to Blackboard"**

This section is HTML 5 Standard, not all apply to this assignment

- ✓ All Web page documents will begin with; <!DOCTYPE html> and <html lang="en">
- ✓ All XHTML elements, tags and their attributes, must be lower case
- ✓ All tags on the example template document are required
- ✓ The <title> tag is the first tag in the header section
- ✓ All tags must be closed
- ✓ All attribute values must be contained in quotation marks
- ✓ All attribute values must have values
- ✓ There should be no line breaks or extra blank spaces between attributes
- ✓ All tags must be properly nested
- ✓ Tag-specific nesting restrictions apply

- ✓ Formatting will be configured with embedded styling or style sheets
- ✓ ALL work MUST be you own
- ✓ The <font> will not be used - **deprecated**
- ✓ The <center> will not be used - **deprecated**
- ✓ All color attributes must be hexadecimal - **required by instructor**

## NOTES:

### Toolbox

When you begin to create a Web page there will be tags and attributes that you will use over and over. There is also code that you only use for a specific type of Web page. How great would it be if you could just open a text file and have this code readily available to copy and paste into your Web page? This is what a toolbox is all about! Even better, it is free and all you do is create one!

To begin your toolbox, open your text editor. You want to use this because it supports only very basic formatting, you cannot accidentally save special formatting in documents that need to remain pure text. This is especially useful when creating HTML documents for a Web page because special characters or other formatting may not appear in your published Web page or may even cause errors.

Type in at the top in comment tags, <-- toolbox updated month.year --> and you will know how old your code is. Web page development is always changing. Save your toolbox as toolbox.txt, you want to keep it as a text file to copy and paste code.

The first item in my toolbox is my page template, because that is the first code structure I use. All you do if type in titles, name, date and filename.htm

### White Space

In industry, Web designers run all the text and tags together making it difficult for someone to copy code. In education, while students are learning how to write code, white space is used to make that code easy to read. You are to use white space in your code. For an example of this, look at the code for Linking Example.htm.

The graphic design term whitespace (or negative space) literally refers to any area of a page that's not covered by type or illustrations. While many novice web designers (and most clients) feel a need to fill every inch of a web page with photos, text, tables, and data, having empty space on a page is every bit as important as having content. Without carefully planned whitespace, a design will feel closed in, like a crowded room. Whitespace helps a design to "breathe" by guiding the user's eye around a page, but also helps to create balance and unity. (SitePoint)

**The file extension .htm or .html?**

At one time both file extensions were used, but now Windows accepts three-character extensions and is the one preferred by industry. All your documents are to have the three letter.htm file extension.