

## CMT111-01/M1 — Suggested/Required Resources

Anyone serious about learning web development will need his/her own set of software, including a good text editor (*not* Windows notepad), several modern web browsers, a good ftp/sftp client, and programs in the Adobe CS5 suite including not just Dreamweaver, but also Illustrator or Fireworks, Photoshop and Flash.

From the internet, you can download and install several reasonably good—and *free*—text editors, web browsers and ftp/sftp clients. The Adobe CS5 suite will cost some money, but you can get some decent discounts from Journey Ed. A year ago, the deals were *much* better from CDW-G, but the college let their agreement with them lapse. Details are below.

In this class you will be *required* to have a USB stick (thumb drive) and will be required to install several portable web-development applications on it. You will also need the USB stick to store your work between one class and the next. *The college wipes all lab computers clean at the end of each day!*

### Software:

1. **Portable applications:** You can get *free* versions text editors, browsers, and ftp/sftp clients that run off your USB stick (thumb drive). Thus you can use the same applications on any computer (even one in a small-town library in Maine!), provided you have your USB drive with you. Get all of them at <http://portableapps.com/>. We will use these in class. If you have a Mac at home, you still need these, but see below.
  - 1) *Notepad++* [<http://is.gd/eTMas/>]—text editor
  - 2) *Firefox* [<http://is.gd/eTMo5/>]—browser
  - 3) *Chrome* [<http://is.gd/eTMLv/>]—browser
  - 4) *Opera* [<http://is.gd/TNgnrc/>]—browser
  - 5) *Filezilla* [<http://is.gd/eTMg9/>]—ftp/sftp client
2. **Desktop Applications:**
  - 1) **Text editor:** (desktop versions; all are free)
    - *TextPad* [<http://is.gd/2O3qC/>]—this is what I use
    - *Notepad++* [<http://is.gd/ftcO8K/>]
    - *HTML kit* [<http://www.htmlkit.com/>]
    - *Note:* Windows NotePad is generally installed on Windows computers, but it is a *very poor* text editor. Why use crap when you can get good stuff for free?
  - 2) **Browser:** (desktop versions; all are free)
    - *Google Chrome* [<http://is.gd/2O4ed/>]—my secondary browser
    - *Opera* [<http://is.gd/2O4Kc/>]—my primary browser
    - *Firefox* [<http://is.gd/2O47w/>]
    - *Safari* [<http://is.gd/2T81r/>] (primarily Mac, but Windows version exists)
    - *Internet Explorer* is generally installed on Windows computers, but half the world now uses something else, so one *must check* coding in other browsers. Internet Explorer has a quirky approach to interpreting web standards. In addition, IE has long been, and continues to be, a security hazard (people's Gmail accounts were hacked through IE within the last year.)

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- 3) **sftp client:** (desktop versions; both are free)
  - *CoreFTPLite* [<http://is.gd/2OjKX/>]—what I use
  - *Filezilla* [<http://is.gd/jZ42xz> ]
- 4) **Dreamweaver CS5:** You can get discounted versions of CS5 products at Journey Ed [<http://is.gd/eTNZV>]
  - Stand-alone *Dreamweaver CS5*, \$148.95 [<http://is.gd/eTNrb>]
  - *Adobe Design Premium CS5*, \$448.95 [<http://is.gd/WDCzJN> ]
    - This contains not only Dreamweaver, but also Illustrator, Photoshop, Flash, Fireworks, InDesign all in a single package. Everything you need for a complete web development package.

### Hardware:

You *must have* a USB stick (thumb drive) so you can save and retain your work. You can get an 8GB stick from Staples for less than \$20. Anything with more space than 1 GB should suffice for this course.

It helps if you have your own computer. Dell.com is generally an adequate source for both desktops and laptops. If you don't have your own computer, those in the BHCC computer lab are adequate for this course. You must, however, schedule adequate lab time to use them.

### What if I have a Mac?

It's perfectly fine to have and use a Mac in this class. The computers at BHCC are all PCs running Windows 7 or Windows XP. So, unless you work from a Mac Book, you'll have to switch back and forth.

You *must* have a USB stick to keep your work. I already said that, but it's worth repeating. Standard USB sticks (not password protected or *U3*) will work on both PC and Mac. Thus you can work on your files on the USB stick no matter the computer into which it is plugged.

To work at BHCC, it is imperative that you have portable Notepad++ installed. At home, on your Mac, use TextWrangler. Please note that TextEdit, which is on the Mac, will *not* work. It is not a plain text editor, rather a lite word processor.

TextWrangler is free: <http://www.barebones.com/products/textwrangler/>