

Revised: October 23, 2013

## ITE170 - Multimedia Software Term Projects

### **Phase 1 - Project Proposal (due October 30 for Wednesday class, November 11 for Monday class)**

In this phase, you will create a proposal for your course project. The topic of your web site must be some type of business or organization. It can be a real business/organization, an existing business/organization, a business/organization idea, or a made up business/organization. The addition of the word “organization” is intended to also include things that aren't businesses -- e.g. a non-profit organization, charity, government department, college and university or department within them, alumni groups, a local sports league, a competition (e.g. race), clubs, etc. Because your site will be a small site, you may want to do a small business or organization. If you need some ideas, contact me and I will give you some suggestions.

1. Answer the following questions in your proposal.
  - **Site Title** - Specify a working title for the site.
  - **Site Purpose** - What is the purpose of your web site? Identify the goals of the site.
  - **Main Elements** - What are the main features (topics) of this site. What pages or sections will you include in the site?
  - **Content** - Estimate the number of pages that you will include in the site.(probably 6-8)
  - **Target Audience** - Describe the audience(s) for your site. The audience should be described in several ways – location, interests, sometimes age or ethnic background, and so forth.
2. **Page Content and Layout** – For each page in your site, list the type of information to plan to put on that page and the layout (if the layout is the same across all pages, describe this and don't put this for each page). By layout, I mean placement within a web page (e.g. one common layout is the use of two or three columns, with or without a header and footer). Since we haven't done Flash yet, you don't need to describe how Flash will be incorporated into your site.
3. **Site Navigation** – Will every page link to every other page in the site, or if not, what is your plan?

**The purpose of the proposal is not to satisfy a requirement for you to do a proposal, but to force you to think through your project before you start creating pages, artwork, and Flash animations. It is also to give your client (and, in this case, the instructor) an opportunity to comment on your plan before you start spending significant amounts of time on the project.**

Since your Dreamweaver trial is limited to 30 days, you may create the proposal in Word and submit the Word file. However, creating the proposal in Dreamweaver or Notepad would be good practice. **Regardless of what tool you use to create the proposal, either attach your proposal against the Blackboard assignment or upload it to your student website and submit the URL of the file on Blackboard against this assignment.**

## **Phase 2 – HTML Web Site (due November 13 for Wednesday class, November 25 for Monday class)**

In this phase you will create a fully functional, professional and aesthetically pleasing website. Use Dreamweaver, another HTML editor, or a text editor; you may not use Word to generate the HTML.

### Requirements:

- Use a single external (.css) file for your entire site – that is, the same external css file should apply to all pages in your site. Online or embedded styles can be used to supplement the external stylesheet but if a style applies to more than one page, it belongs in the external stylesheet. You may have multiple stylesheets that apply to each page if there is a good reason for this that is noted in the comments within the stylesheets
- Layout should be done with CSS rather than tables.
- Use CSS rather than deprecated tags and attributes
- Create 6-8 html pages in your site (you can have more)
- Apply a consistent design across all the pages in your site.
- If any copyrighted materials (text, images, etc.) are used, include the source of the material and be detailed enough so that one can easily find the material, i.e. don't just say Google, Google images, Wikipedia, etc. You must make clear which material is from which source, and the source can be indicated on the web page such that is viewable in the browser, or as HTML comments. If you don't know whether certain material is copyrighted, assume it is and provide the source.
- The textual content of your website must be written by you. You may include limited text from other sources as long as it is properly cited (you need not worry about citation styles)
- Use an appropriate <title> tag for each page of your site.
- Include a navigational menu, which is consistent across the site.
- Use alternative text (alt attribute) for all non-trivial images.
- Put skip links as the first link on the page
- Apply the design techniques you learned in class to create a professional, user-friendly and appealing website

- Have sufficient contrast between foreground and background so that text (including links) is easily readable.
- Proof-read your content for spelling and grammar mistakes. Feel free to use Dreamweaver's spellcheck but this isn't a substitute for proof-reading.
- Post your site to the NVCC student web server.
- Test your site at several different screen resolutions and using several browsers. Once you have it posted to the NVCC student web server, test it from another computer. This will identify if you have any absolute path references in your site (e.g. references to the c drive) which won't work when others view your site. The best way to avoid these is always save a file before you create any relative reference.
- Submit the URL of your site against the assignment in Blackboard; do not attach any files

### **Phase 3 – Flash (due December 4 for Wednesday class, December 9 for Monday class)**

The purpose of this phase is to demonstrate your ability to use the various features and functions of Flash to create a promotional piece that is integrated into your existing HTML website.

This Flash component can be an intro, promo, commercial, training, instruction, demo, etc.

- This piece **MUST** be created solely by you in Flash unless you request in writing and receive written instructor approval to use another tool
- Animation should be effective and related to the content of your XHTML website
- Include (1) at least one button and ActionScript, or (2) tweening (shape, classic or motion)
- Integrated successfully into your existing HTML website

When you submit this phase, answer the following questions in the comments area in BB:

- What is the URL of the precise web page which contains the Flash animation?
- Are there any special features of your Flash piece that you want to point out to me, so that I don't miss them?
- Attach your .fla file to this Blackboard Assignment