

420-126-AB Research Project

This research project will be presented in two formats. The web site component is worth 10% and is due on November 29, 2012. A late deduction of 10% per day to a maximum of 4 days will be applied. Any websites submitted after 4 days late will not be graded. The newsletter component (using Word) is worth 5% and is due on December 6, 2012. Details on the newsletter component can be found in the assignment section of LEA. Details of the web site are as follows:

Creating a Web Site

- Design, create and publish your own web pages including a homepage named **index.html**, associated pages and links to related sites.
- The content of your web pages must follow a topic listed below.
- If you have a suggestion for a topic to be added to the list, see the instructor.
- You may use **any** html editor or text editor (e.g. Notepad++).
- Your project must be published to your website on the John Abbott Linux Server.
http://linux-cs.johnabbott.qc.ca/~cs126f12_??

Research Project Topics

Select a topic from the following list:

1. Contactless payment technology – ex. paywave
2. Biometric security
3. Ergonomics
4. Virtualization
5. IPV6
6. Linux
7. Mobile - iOS, Android, or Windows8
8. Cloud Computing
9. Gaming addiction – a reality?
10. VoIP - voice over internet protocol
11. iPad or Galaxy tablet
12. Browser wars
13. Gaming opportunities in the Montreal area
14. Intro to HTML5
15. Intro to JavaScript
16. Location data and privacy
17. ereaders
18. Blogging
19. iPhone vs Android
20. Kinect vs Move vs Wii
21. Touch screens
22. Choosing a tablet
23. Mac vs PC
24. BYOD
25. Privacy issues with social media

Your web site must illustrate your ability to research a topic using reputable sources. Your homepage must include a link to your bibliography page that details all sources used for the project content. The sources must be specific (NOT just the main page of a website). Your web site must illustrate your use of both French and English resource material. Your research must include at least one interview (record the name, date and time of the interview).

Your project must contain examples of the following features:

- Title
- Different sizes of headings
- Centering
- Use of font properties and color
- Images relevant to the topic of the page
- Internal links, links to at least one other local page
- External links to URLs relevant to the topic of the page
- Lists
- Use of a table
- Background

Additional features are encouraged as long as they enhance the appearance of your site.

The evaluation of the Web page will be based on the following general criteria.

Content and Function

- Clarity, precision and pertinence of the information in relation to the initial requirement.
- Demonstrate effective use of conventional and computer-aided methods and research tools.
- Demonstrate quality with respect to vocabulary, grammar, and spelling
- Contain functional and appropriate hyperlinks
- Demonstrate initiative.

Appearance & Layout

You must develop an effective visual presentation using: Graphics, Colors, Backgrounds, Fonts, Lists, and Tables.
