

1 overview

- This is the project for unit I of cis 3.5. This project covers basic web programming and web design.
- The project is worth 15% of your term grade. It will be marked out of **15 points**.
- The project is due via email on **Monday February 16**.
- Email the project to: sklar@sci.brooklyn.cuny.edu.
- Use a **zip** utility to bundle all your files together and send them as ONE attachment to the email.
on a PC: use **WinZip**
on a Mac: use **File - Create Archive...**
on Linux: use **zip**

2 project description

- The purpose of the project is to create a personal web page that describes your own special talents and interests. There will be three more projects in the course, and you will be called upon to interact with your classmates in helpful and productive ways. The web page that you create for the first project will be posted in a class repository on the class web page for you and your classmates so that you will know who to go to for help. We'll call this the **cis 3.5 who's who**.
- You will be generating and submitting one web page. Your design must be clear, and the content must be concise. Think about what is important for people in the class to know about you.
- I would prefer that you include a recent picture of yourself, which will help your classmates find you. This is not a requirement, since the page will be publicly accessible and I understand that some people do not want to publicize their pictures.
- *Warning: don't post anything on the page that you don't want to be publicly accessible.*
- The project has three parts: (1) Web Design, (2) HTML and (3) CSS. Each part is worth 5 points. The first part contains written documentation, to be written using a word processor (e.g., in Word) and submitted as a PDF file (preferably). The second and third parts are HTML and CSS pages, to be written using a text editor and submitted as HTML and CSS files, respectively.

3 web design

- This section is worth 5 points.
- Review all the web design tips that we discussed during the first week of class.
- Create a design for your page using any drawing tool that you are familiar with. This can be PowerPoint, Photoshop, Illustrator or anything else you know. The design does not have to be fancy, but it has to be clear. It should show me how you plan to lay out the page and what elements will be contained in the page.
- Create a document (using a word processor, like Word) that contains your drawing (above). Describe the elements of your drawing.

- Select at least 5 rules from at least 2 different articles that we read in class on January 29. Explain how your design adheres to those rules.
- Try to write in clear English. Check your grammar and spelling. Save your document as PDF, if possible.

4 HTML

- This section is worth 5 points.
- Create an HTML file that matches the design you outlined above in the **web design** part of this assignment.
- You will probably reference some images in your web page. If any of these are not available online, then please include them in your zip archive.

NOTE: you can use **relative** addressing for images by placing an image file in the same folder as your HTML file and then using the filename in the **img** tag. For example:

```

```

where the file `my_picture.jpg` is the name of the image that you want to display on your web page.

- I expect that you will include at least 3 different types of components, such as: table, ordered list, unordered list, image, division.
- Use a style sheet (below) to specify the visual properties of your web page.

5 CSS

- This section is worth 5 points.
- Create a style sheet that specifies the visual properties of your web page.
- I expect that you will set at least 10 different properties in total, for the different components, such as: background color, text color, border, etc.

6 advanced option

- If you are an experienced HTML and/or CSS developer, you can take the “advanced option” and design and create your page for use on a mobile device such as an iPhone, iPod touch or G1 (or something else you could suggest).
- If you plan to take this option, please talk to me about which device you plan to code for, and how you plan to develop and test the code.
- Please note that if you do take this option, I still expect you to complete the basic HTML and CSS pages for our class who’s who repository. The challenge will then be to design and create a mobile version of this page. Your web design documentation should refer to the “Mobile Web Best Practices” (see list of references at the end of lab1.3).