

## CS101 – Spring ‘03

### Instructors:

Albert Borroni (Computer Science/ OCTET) – x8345 - King 141-G

albert.borroni@oberlin.edu

Tim Gegg-Harrison – (Computer Science) - x8386 – King 223-A

### Goals:

1. Give the student an understanding of how the web works.
2. Provide the student with the knowledge and skills to understand HTML, image processing/editing, CSS and Javascript.
3. Provide the student with the knowledge and skills to use HTML, image processing/editing, CSS and Javascript to create your own pages.

### Syllabus:

| Tues  | Topics  | Thurs  | Topics   |
|---|---|--------|--|
| Feb 4   | Course Overview<br>apply for web site                       | Feb 6  | Web page overview<br>XML compliance                                |
| Feb 11  | Site Architecture<br>Design issues<br>Images<br>take photos | Feb 13 | HTML-<br><head><meta><br><body><hr><table><p><div><span><br><b><i> |
| Feb 18  | Fireworks – editing<br>photos/graphics                      | Feb 20 | HTML - <li> <img src alt align>                                    |
| Feb 25  | Fireworks – creating<br>graphics/nav bar                    | Feb 27 | HTML – multiple pages <a><br>organizing files in folders           |
| Mar 5 noon – Project 1 due                                    |   |        |  |
| Mar 4   | Fireworks   | Mar 6  | HTML – Forms – emailing info                                       |
| Mar 11  | CSS   | Mar 13 | Javascript   |
| Mar 18  | CSS   | Mar 20 | midterm  |
| break   |   |        |  |
| Apr 1   | Dreamweaver –file<br>management                             | Apr 3  | Javascript- Form data manipulation                                 |
| Apr 8   | Dreamweaver – creating<br>pages                             | Apr 10 | Javascript   |
| Apr 15  | Creating PDF files  | Apr 17 | Javascript   |
| April 23 – noon Project 2 due                                 |   |        |  |
| Apr 22  | Fireworks – animation                                       | Apr 24 | Javascript   |
| Apr 29  | Dreamweaver -<br>behaviors                                  | May 1  | Javascript   |
| May 6   | Audio/Flash   | May 8  | PHP, Perl  |
| Final Project due – e portfolio May 14 <sup>th</sup> 4:00p.m. |   |        |  |

## **GRADING**

- 1. Project 1 - 20%**
- 2. Project 2 – 20%**
- 3. In-class assignments – 40%**
- 4. Random Quizzes -20%**
- 5. Final Project**

**The 4 areas listed above will determine your final grade. While the final project doesn't fit in to the calculation it MUST be completed and it may affect your final grade in the following manner: 1) If the minimum standards (see below) are met, your grade will remain be  $\frac{1}{2}$  grade lower (e.g. if you've earned a B+ from items 1-4, your final grade for the course will be a B). If you go beyond the requirements, your grade will either remain the same or increase  $\frac{1}{2}$  grade.**

Assignments and Project details will be posted on Blackboard as they become available.