Web Page

Semester Course | Teacher: Mrs. Snyders

www.centrallyon.org

Web Page is a one-semester course designed to develop web page skills. Students will be responsible for updating the Central Lyon web page using a web-hosting company SOCS. Additional online lessons will be utilized for exposure to HTML, web development, digital tools, and career opportunities.

OBJECTIVES
Upon successful completion of this course, the student will be able to:

- Plan & create web articles using our web-hosting SOCS (Simplified Online Communications System)
- Organize electronic folders for saving images & updated web pages
- Use digital camera/optimize images using *Adobe Photoshop*
- Interpret basic HTML Code
- Meet deadlines and organize time
- Take pride in finished product—www.centrallyon.org

TEXT/RESOURCES
SOCS (Simplified Online Communications System)
Adobe Photoshop photo editing software
ODYSSEYWARE®, a provider of online curriculum

SUCCESS TIPS
- Think **simplicity** and **consistency**
- Take pride in our web page—leave your website better than you found it!
- Do the right thing….every day

GUIDELINES:
- o UPDATE current pages first—team picture and schedule; follow with pictures; year-end team stats only.
- o Eliminate links that cannot be easily updated.
- o Share the images you take and use images saved in the public folder K:\Web Page.
- o Additional digital images may be available from the Yearbook folder—ask Mrs. Snyders to look for these.
- o Do not use last names of students, including your last name in by-line.

→No food or drink in computer lab No food or drink in computer lab No food or drink in computer lab No food or drink in computer lab←

➜ History of Central Lyon Web Page
- PowerPoint overview of class present and past. Includes tips on web design.

➜ Photoshop & Digital Images

Take **great** digital images, edit, and optimize them for use on web pages. Learn how to resize, crop, and brighten images using *Adobe Photoshop*.
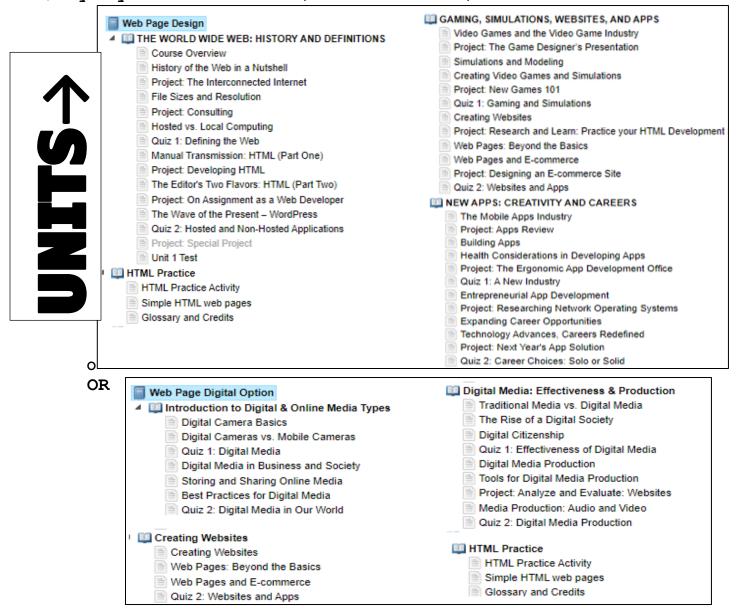- Ask Mrs. Snyders to download *Adobe Photoshop* to your laptop.
- Crop and brighten all images before adding them to the web.
- Complete the "Digital Image Assignment" | take pictures and edit them for use on a NEW student life article.
- You are required to demonstrate your knowledge of our digital equipment and software. This will be taught in small groups and you will take a quiz to measure your understanding.

➜ SOCS (Simplified Online Communication System) & Student Life Article

Create a student life article using SOCS.
- Use pictures taken during weeks 1 & 2
- Student life articles can & should be done if you have down-time

➜ Odysseyware online units (choice of 2 tracks)

UNITS ➜

Web Page Design
- THE WORLD WIDE WEB: HISTORY AND DEFINITIONS
  - Course Overview
  - History of the Web in a Nutshell
  - Project: The Interconnected Internet
  - File Sizes and Resolution
  - Project: Consulting
  - Hosted vs. Local Computing
  - Quiz 1: Defining the Web
  - Manual Transmission: HTML (Part One)
  - Project: Developing HTML
  - The Editor's Two Flavors: HTML (Part Two)
  - Project: On Assignment as a Web Developer
  - The Wave of the Present – WordPress
  - Quiz 2: Hosted and Non-Hosted Applications
  - Project: Special Project
  - Unit 1 Test
- HTML Practice
  - HTML Practice Activity
  - Simple HTML web pages
  - Glossary and Credits

GAMING, SIMULATIONS, WEBSITES, AND APPS
- Video Games and the Video Game Industry
- Project: The Game Designer's Presentation
- Simulations and Modeling
- Creating Video Games and Simulations
- Project: New Games 101
- Quiz 1: Gaming and Simulations
- Creating Websites
- Project: Research and Learn: Practice your HTML Development
- Web Pages: Beyond the Basics
- Web Pages and E-commerce
- Project: Designing an E-commerce Site
- Quiz 2: Websites and Apps

NEW APPS: CREATIVITY AND CAREERS
- The Mobile Apps Industry
- Project: Apps Review
- Building Apps
- Health Considerations in Developing Apps
- Project: The Ergonomic App Development Office
- Quiz 1: A New Industry
- Entrepreneurial App Development
- Project: Researching Network Operating Systems
- Expanding Career Opportunities
- Technology Advances, Careers Redefined
- Project: Next Year's App Solution
- Quiz 2: Career Choices: Solo or Solid

OR

Web Page Digital Option
- Introduction to Digital & Online Media Types
  - Digital Camera Basics
  - Digital Cameras vs. Mobile Cameras
  - Quiz 1: Digital Media
  - Digital Media in Business and Society
  - Storing and Sharing Online Media
  - Best Practices for Digital Media
  - Quiz 2: Digital Media in Our World
- Creating Websites
  - Creating Websites
  - Web Pages: Beyond the Basics
  - Web Pages and E-commerce
  - Quiz 2: Websites and Apps

Digital Media: Effectiveness & Production
- Traditional Media vs. Digital Media
- The Rise of a Digital Society
- Digital Citizenship
- Quiz 1: Effectiveness of Digital Media
- Digital Media Production
- Tools for Digital Media Production
- Project: Analyze and Evaluate: Websites
- Media Production: Audio and Video
- Quiz 2: Digital Media Production

HTML Practice
- HTML Practice Activity
- Simple HTML web pages
- Glossary and Credits

➜ Central Lyon Web Page
- Update or create articles at our school site: www.centrallyon.org   Check the assignment board.
  →No food or drink in computer lab No food or drink in computer lab No food or drink in computer lab No food or drink in computer lab←