

INTERNET ART

ART 3001 / Class 35361

Spring 2022

Mon / Wed / Fri 8:05a - 9:55a // Hopkins 156

(Reverse chronological order -- newest notes first)

Week 2c (Friday 01/21/22)

- Art / Inspiration: [Listening Post](#) (by Mark Hansen and Ben Rubin)
 - [YouTube video](#) -- [article at digiart21.org](#) -- [a longer but poorly shot video](#)
 - Real-time visualization of words typed in internet chat rooms
 - Seven different “scenes”, such as “I AM” where only chat lines beginning with “I’m” and “I am” are displayed
 - Speech synthesizers give voice to these internet chats, accompanied by sparse musical elements
 - One sound the videos don’t convey: clicking sounds made by each display
 - Created in the early 2000’s, before Twitter and even smartphones
 - Dozens of small LED displays used instead of a projection... why?
 - They hang freely in space, instead of mounted on a wall... why?
- Last time:
 - Carmen > Files > Tech Slides > Getting Started with Dreamweaver.pptx
 - Site setup
 - New web page
 - Links
 - We struggled through a few tech problems Dreamweaver but eventually solved them. Thanks for everyone’s help troubleshooting!
- Dreamweaver problems - solved!
 - Linking
 - The Challenge: create a link from a web page to another web page
 - The Problem: some ways don’t work, or are grayed out -- specifically:
 - Select text, then click the chain icon above the selection -- no error, but doesn’t create the link
 - Select text, then Edit > Link > Make Link -- sometimes available, sometimes grayed out
 - The Solution:
 - Open the Properties window: Window > Properties
 - Select text
 - Use the Link field in Properties
 - You might want to dock the Properties window down below with Search / Output / Git
 - Previewing
 - The Challenge: preview your new web page in a web browser
 - The Problem: links appear but do not function when previewing these ways:
 - Clicking the Preview button (lower right of Code window)
 - File > Real-time Preview > (any browser)

- The Solution:
 - Save your page in Dreamweaver
 - Locate in Finder / file list outside of Dreamweaver
 - Double-click your html file (such as index.html)
- Carmen > Files > Tech Slides >

Getting Started with Dreamweaver.pptx (*continued*)

 - Images (p.14)
 - TIP: JPG images must be square or rectangular, but PNG and GIF can have transparency, giving the appearance of a different shape
 - HotSpot Mapping
 - Makes only part of an image into a link
 - Don't see "Map" in Properties? Switch from Live View to Design View
 - Rollover Images
 - An image that changes to another image when you hover your mouse over it
 - To edit one, open: Windows > Behaviors
 - Try this:
 - Select an image
 - Click Plus Sign (in Behaviors window)
 - Try Effects like Puff, Shake, Bounce...
 - Click Minus Sign to remove a selected behavior
 - CSS (p.19)
 - External -- CSS is in a separate file; most web pages do this
 - Internal -- CSS is in the HTML file; this is how Gutenberg's Alice In Wonderland is set up
 - Inline -- quick CSS that affects only the next section
 -
 - Getting Started with GitHub.pptx
 - Let's set up a new repository with your altered Alice In Wonderland

Week 2b (Wednesday 01/19/22)

- Art / Inspiration: www.creativeapplications.net
- **Happy (belated) birthday, art!** Monday was [Art's Birthday](#)
 - Started by Fluxus artist [Robert Filliou](#)
 - "He suggested that 1,000,000 years ago, there was no art. But one day, on the 17th of January to be precise, Art was born. According to Filliou, it happened when someone dropped a dry sponge into a bucket of water. Modest beginnings, but look at us now."
 - Radio artists worldwide have lately taken to this yearly event
 - I decided to celebrate by creating a Mutant Moth, my seventh, continuing a project I started last year
 - I create these moths by starting with a photo of an actual moth, and then collage vintage natural history illustrations on top
- Last time:
 - GitHub setup assignment introduction -- **due today**
 - HTML tags
 - CSS styles

- Adobe Dreamweaver
- Carmen > Files > Tech Slides
 - Getting Started with Dreamweaver.pptx
 - Review (much of this we've already covered)
 - Site setup
 - New web page
 - Links
 - Images
 - HotSpot Mapping
 - Rollover Images
 - CSS
 - External - most web pages use this
 - Internal - this is how Gutenberg's Alice In Wonderland is set up
 - Inline
 - Getting Started with GitHub.pptx
 - Let's set up a new repository with your altered Alice In Wonderland

Week 2a (Monday 01/17/22)

***** NO CLASSES *****

Happy MLK Day!

Week 1c (Friday 01/14/22)

- Art / Inspiration: [Exhausting A Crowd by Kyle McDonald](#)
 - Brief description at [Creative Technology Research Librarian](#)
- Monday: No Classes -- Martin Luther King Jr. Day
- Library card (for LinkedIn Learning access) -- I got mine (in email); how about you?
- Discussion of reading assignment: Ten Myths of Internet Art, by Jon Ippolito
 - What myths do you feel are not wholly myths?
 - What myths do you most agree with? (the myths, not the paragraphs rebutting the myths)
 - What myths did you find confusing?
 - Because this article is so ancient (in internet time), a lot of it is likely confusing -- but it may give you historical context & an appreciation for how far we've come
- GitHub setup assignment -- **due before next class**
- Adobe Dreamweaver -- for development of web pages, HTML, CSS
- HTML dissection: Alice In Wonderland
 - [Project Gutenberg](#) offers 60,000+ free eBooks
 - Let's go to their 3rd most popular book, [Alice In Wonderland](#)
 - View the Page Source, aka the HTML -- every web browser has a way to do this; figure out how yours lets you (if you see Developer Tools, look there)
 - Project Gutenberg tends to keep their HTML simpler than most, so you'll find this more readable than the source code of most web pages
 - Close the page source, go back to the regular web page
 - Save the web page as a file (Command S) -- saves as an HTML file on the computer with the cover image in a folder
 - Open the file in Adobe Dreamweaver
 - Activate Real-time Preview (under the File menu)
 - Find > Replace in Current Document...
 - Change "Alice" to your name, Replace All -- did the real-time preview update?

- In the 3rd paragraph, change the `<i>` to `` and the `</i>` to ``
- Change to `<u>` and `</u>`
- Those are HTML TAGS -- anything between `<` and `>` is a special command in HTML
- The first tag “opens” the [HTML element](#); the second with the slash closes it
 - `<i>` Italics
 - `` Bold
 - `<u>` Underline
 - `<p>` Paragraph
 - `<a>` Link / Hyperlink, such as: ``
 - `<h2>` Header, level 2
 - `<div>` [Division / section](#)
- Earlier in the HTML, find the section that begins: `<style type="text/css">`
- This is the CSS style sheet for the web page, which more often is in a separate file
 - On this line:
 `body { background:#B18129;`
 change the `#B18129` to another color using Quick Edit (Command-E)
 - Next, view the main title just below the cover art in your real-time-preview
 - Then change:
 `h1 {font-size: 300%;`
 to another number -- 600%, 900%, 100%...
 - Try changing some other numbers, like the letter-spacing or word-spacing
 - Then change numbers on the `h2` line
 - Scroll down to find the `<h1>` and `<h2>` HTML tags
 - CSS reformats text in those tags *anywhere* in the web page
- CSS Zen Garden
 - Go to: <http://www.csszengarden.com/>
 - Look over the page, then view the page source (HTML)
 - Now try a different style: Mid Century Modern, Garments, Steel, etc.
 - View the page source again -- wait, are they all the same?
 - The different styles change the CSS style sheet for the page, but not the HTML
- [Artist creates digital paintings using only HTML and CSS](#)
 - By [Diana A. Smith](#), a UI (User Interface) and web designer
 - [More in-depth article from Motherboard/Vice](#)
 - “The work was not drawn with a tablet, or a mouse, or even using illustration software.”
 - These are images created with hand-written code -- no usage of any Adobe programs or image editing program, not even MS Paint...!
 - “Because it’s made of code that’s telling a browser to do something, Francine can look very different when viewed in different browsers. When rendered in Netscape Navigator, for example, Francine [morphs into a cubist masterpiece](#).”
 - “When you look at this image on different browsers, you’re kind of looking at the history of the internet and what was demanded of it at the time.”
 - Direct links to the actual CSS: (these articles just show preview JPG images)
 - [Francine](#)
 - [Zigarito](#)
 - [Vignes](#)
 - The CSS paintings are on [github](#)

- That means you could “fork” (remix / improve) her image into your own version once you set up your own account
 - *Everything* -- every hair, every eyelash -- was created by HTML and CSS!
 - Let’s prove it: Right-click on an eyeball, then Inspect
 - Unchecking some elements can make the item disappear, or mutate
 - Hey, that seems like fun...
- Let’s make *mutant remixes* of her CSS paintings!
 - Make alterations by changing only the CSS
 - As you work **write down** how you did the weirdest, funniest, or most interesting changes:
 - What div class was it in?
 - Which attribute did you change? What did you change it to?
 - **Be ready to show us how you did your best tweak**
- Here’s how it’s done:
 - Open an image to work with: [Francine](#) [Zigario](#) [Vignes](#)
 - Right-click, then Inspect, a feature to change (left eye, right arm, feather, etc.)
 - The Developer Tools windows open:
 - **Elements** window shows HTML, which lists each image feature as a div class. Note that you can expand them: div class=”eye right” expands to reveal the eyelid, eyeball, each eyelash, every freckle...
 - **Styles** window lists CSS attributes and their values for the div class *AND* for every “parent” div class (examples: top, bottom, left, right, width, height, transform, position...)
 - Things to try
 - Change an attribute’s value:
 - Type a new number
 - or select it, then press the up and down arrows
 - If it’s not a number, delete the value, and a list of values appears
 - Try different units of measure: 25%, 25px, 25...
 - Deactivate the attribute by clicking its checkmark
 - Hide the whole div class: right-click it in Elements window, then Hide Element
 - Create a new attribute that you saw in another div class (you can copy & paste)
 - DON’T RELOAD OR GO BACK!! It’ll erase your changes!

Week 1b (Wednesday 01/12/22)

- (Take Attendance)
- Carmen > Modules section -- check for links / materials from each week’s classes
- Speaking the Internet’s Language: HTML, CSS, and Javascript
 - We’ll be learning each of those, starting first with HTML
 - Some high quality tutorials at LinkedIn Learning (was Lynda) -- see Carmen > Modules
 - Not sure how much video is viewable without signing in or up, but I understand free access can be had by merely signing up for a Columbus Library card: <https://www.columbuslibrary.org/apply-library-card/>
 - Since cards can take 2-4 days, let’s all sign up *right now*
- [Net Art Anthology](#) (Rhizome)
 - “Devised in concert with Rhizome’s acclaimed digital preservation department, Net Art

Anthology aims to address the shortage of historical perspectives on a field in which even the most prominent artworks are often inaccessible. The series takes on the complex task of identifying, preserving, and presenting 100 exemplary works in a field characterized by broad participation, diverse practices, promiscuous collaboration, and rapidly shifting formal and aesthetic standards, sketching a possible net art canon.”

- Let's curate our own [Internet Art Gallery](#)
- And then we'll view and discuss
- **Homework:** (see *Carmen* > *Modules* for links)
 - Read: [Ten Myths of Internet Art - Jon Ippolito.pdf](#)
 - Be ready to discuss why you agree or disagree with each of the ten points

Week 1a (Monday 01/10/22)

- Introduction - let's meet each other
 - Students, introduce yourselves! Also share:
 - Your major or area of interest/schooling
 - Areas or topics of art and/or technology that interest you
 - Why this class interested you
 - One unique thing about you that will help all of us remember you -- a quirk, a memory, a strange food you like, an awe-inspiring thing you saw, a unique possession you treasure, something people are surprised to learn about you...
 - About me, [TradeMark G.](#) (Gunderson)
 - Former OSU Art & Tech grad student
 - Artwork: www.TradeMarkG.com
 - My band: [The Evolution Control Committee](#) / [YouTube channel](#)
 - [Birdless / Wingless](#) (my MFA thesis project shown early 2015)
- What is Internet Art and New Media Art?
 - [Internet Art](#) (Wikipedia)
 - [New Media Art](#) (Wikipedia)
 - Especially note the variety of [Types](#)
 - New Media Art often overlaps with and incorporates many traditional areas of art (painting, sculpture, etc.)
 - Art & Technology
 - Tends to be a “catch-all” term describing arts that don't neatly fit into one of the traditional categories, like painting, ceramics, photography, etc.
- Course Info / Carmen tour
 - [Canvas / Carmen](#)
 - Syllabus
- Test software installed on classroom iMacs
 - Adobe
 - Miro