MART 210 - Digital Media Arts Fundamentals Fall 2023

Weekly Assignments from the textbook:

"Digital Media Foundations: An Introduction for Artists and Designers"

By Richard Lewis and James Luciana

1. Review the Syllabus and Class Calendar on Blackboard and come prepared to review "in-class" on Monday.

2. Complete #2 on pg. 21 and submit on Blackboard. Due Thursday, September 7th by 11:59 pm. - **Using your favorite search engine, look for companies that specialize in design. List the different kinds of projects that digital designers are hired to do.**

3. Complete #4 on pg. 51 and submit on Blackboard. Due Thursday, September 14th by 11:59 pm. - **Which five major events in the history of computing do you consider most important? Explain and defend your choices. If you could extend the list to ten, which five would you add? Why?**

4. Complete #2 on pg. 75 and submit on Blackboard. Due Thursday, September 21st by 11:59 pm. - **Choose five examples that trace the history of video games from Pong to the present. Explain the technical advances that took place (for example, the arrival of 24-bit color) and their relevance to digital media.**

5. Complete #3 on pg. 95 and submit on Blackboard. Due Thursday, September 28th by 11:59 pm. **Compare the major operating systems for personal computers. Visit the websites of Microsoft, Apple, and review sites featuring Linux. Make a list of their similarities and differences.**

6. Complete #3 on pg. 122 and submit on Blackboard. Due Thursday, October 5th by 11:59 pm. - **BANDWIDTH - Find a website that tests modem bandwidth (speedtest.net, for**

example). Test your own Internet connection for speed. What factors other than speed might affect your web-viewing experience? Compare your download and upload speeds along with your "ping."

7. Complete #5 on pg. 146 and submit on Blackboard. Due Thursday, October 12th by 11:59 pm. - **Choose a famous city or exotic locale and create a poster of 11" x 17" that encourages tourists to fly to that location. Combine several images of various sizes and shapes with typography that not only grabs the attention of readers but evokes the tourist site. Use colors and tints that harmonize with the images. Wrap text around the images and include a box with reverse lettering.**

8. Complete #3 on pg. 169 and submit on Blackboard. Due Thursday, October 19th by 11:59 pm. - **IMAGE COMPOSITE: OLD MASTER PAINTING - Start with a scan of an Old Master painting. Add elements to redefine it and change the context of the image. Would Whistler's Mother really be watching TV? Copying and pasting new elements from one image into a painting background offers you an opportunity to try matching color values and even adding shadows to complete the illusion.**

9. No Online Assignment (Fall Break).

10. Complete #4 on pg. 185 and submit on Blackboard. Due Thursday, November 2nd by 11:59 pm. - **Create an 8" x 10" illustration based on a favorite line of poetry or song lyric. Utilize the type tools in the painting software to integrate the words into your picture in a way that makes visual sense.**

11. Complete #3 on pg. 205 and submit on Blackboard. Due Thursday, November 9th by 11:59 pm. - **Create a full-color, full page (8" x 10") illustration for a magazine article**

called "Helping Grandma use her first Computer." Your illustration should express the confusion that some senior citizens feel when first confronted with computing.

12. Complete #3 on pg. 233 and submit on Blackboard. Due Thursday, November 16th by 11:59 pm. - **Using layers, create an animation of an aquarium. Show a variety of fish moving in different directions. Make a background with typical home aquarium items. Put plants in different layers, so the fish can pass in front of and behind some. If your software has the capability, a semi-transparent blue gradient can be located in the front layer to increase the sense of looking through water to see your characters moving.**

13. Complete #2 on pg. 258 and submit on Blackboard. Due Thursday, November 30th by 11:59 pm. - **By overlapping three different solid primitives, create three very different forms using the Booleean operations of union, subtraction, and intersection.**

14. No Online Assignment (Thanksgiving Break)

15. Complete #1 on pg. 287 and submit on Blackboard. Due Thursday, December 7th by 11:59 pm. - **BASIC WEB PAGE - Create a basic introductory web page (index page) about yourself and your family, including two links to other pages and one link to a website. Make the background a color.**

16. Complete #1 on pg. 308 and submit on Blackboard.   Due Thursday, December 14th by 11:59 pm for <mark>EXTRA CREDIT ONLY (2.5 pts)</mark> - **Select two different games of a similar type (for example: first-person shooter) and play each for at least 30 minutes. Compare and contrast each game. How are they similar? What**

differentiates one from the other? Are the goals different? How does the game provide opportunities for the player to succeed?

17. Final Exams Week - **Last week to turn in late assignments and projects.**