Course Materials

Tools

- Laptop computer (during class; let me know if you do not have access to a laptop). **Be sure to have the means to log into your account vis-a-vis the 2-factor authentication**.
- VT-affiliated Google Drive: Used for organizing and sharing work files.

Texts

You are not required to buy any texts for this course, as I will provide PDF versions. However, here is a list of books and edited collections included on the syllabus for those who wish to purchase their own copies.

List of Readings

Banks, A. (2006). *Race, rhetoric, and technology: Searching for higher ground*. LEA and NCTE.

Blas, Z. and Cárdenas, M. (2013). Imaginary computational systems: queer technologies and transreal aesthetics. *AI & Society, 28*, pp. 559–566.

Brown, Jr., J. (2015). Ethical programs: Hospitality and the rhetorics of software. Ann Arbor, MI: University of Michigan Press. Available at http://www.digitalculture.org/books/ethical-programs-hospitality-and-the-rhetorics-of-software/.

Bivens, R. (27 Jan. 2016). Programming violence under a progressive surface: Facebook's software misgenders users. The Society Pages. Retrieved 06 Feb. 2016 from https://thesocietypages.org/cyborgology/2016/01/27/programming-violence-under-a-progressive-surface-facebooks-software-misgenders-users/.

Burke, K. (1950/1969). *A rhetoric of motives*. University of California Press.

Dadas, C. (2017). Hashtag activism: The promise and risk of "attention." In D. M. Walls & S. Vie, (Eds.) *Social Writing/Social Media: Publics, Presentations, and Pedagogies (pp. 17-36)*. Perspectives on Writing. Fort Collins, CO: The WAC Clearinghouse and UP of Colorado. Retrieved Jan. 6, 2018 from https://wac.colostate.edu/books/social/.

Daniels, J. (2012). Race and racism in Internet Studies: A review and critique. *New Media & Society, 15*, pp. 695–719.

Edwards, D. (2017). On circulatory encounters: The case for tactical rhetorics. *Enculturation*, Issue 25. Retrieved 11 Dec. 2017 from http://enculturation.net/circulatory_encounters.

Freelon, Deen and McIlwain, Charlton D. and Clark, Meredith D, Beyond the Hashtags: #Ferguson, #Blacklivesmatter, and the Online Struggle for Offline Justice (February 29, 2016). Center for Media & Social Impact, American University, Forthcoming. Available at SSRN: https://ssrn.com/abstract=2747066.

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Haas, C. (1996). *Writing technology: Studies on the materiality of literacy*. New York, NY: Routledge.

Harris, R. (2000). *Rethinking writing*. New York, NY: Continuum.

Hartzog, M. (2017). Inventing mosquitoes: Tracing the topology of vectors for disease. In C. Boyle & L. Walsh, (Eds.), *Topologies as Techniques for a Post-Critical Rhetoric, (pp. 75-98)*. Cham, Switzerland: Palgrave Macmillan.

Hawhee, D. (2004). *Bodily arts: Rhetoric and athletics in ancient Greece*. Austin, TX: University of Texas Press.

Lamp, K. (2011). 'A city of brick': Visual rhetoric in Roman rhetorical theory and practice. Philosophy and Rhetoric, 44, pp. 171-193.

Lum, K., & Isaac, W. (2016). To predict and serve? Significance, 13(5), 14-19.

Keyword articles from inaugural issues of *Transgender Studies Quarterly, 1*(1-2): Bio/Logics, pp. 33-35; Biometrics, pp. 35-38; Biopolitics, pp. 38-42; Microaggressions, pp. 129-134; Performativity, pp. 148-150.

Mattern, S. (2017). *Code + clay … Data + dirt: Five-thousand years of urban media*. Minneapolis, MN: University of Minnesota Press.

Noble, S. U. (2018). *Algorithms of oppression: How search engines reinforce racism*. New York, NY: NYU Press.

Poe-Alexander, K. and Hahner, L. A. (2017). The intimate screen: Revisualizing understandings of down syndrome through digital activism on Instagram. In D. M. Walls & S. Vie, (Eds.) *Social Writing/Social Media: Publics, Presentations, and Pedagogies (pp. 225-244)*. Perspectives on Writing. Fort Collins, CO: The WAC Clearinghouse and UP of Colorado. Retrieved Jan. 6, 2018 from https://wac.colostate.edu/books/social/.

Roundtree, A. K. (2013). *Computer simulation, rhetoric, and the scientific imagination*. New York, NY: Lexington Books.

Sano-Franchini, J. (2017). Feminist rhetorics and interaction design: Facilitating socially responsible design. L. Potts and M. Salvo, (Eds.), In *Rhetoric and Experience Architecture (pp. 84-110)*. Anderson, SC: Parlor Press.

Seaver, N. (2017). Algorithms as culture: Some tactics for the ethnography of algorithmic systems. Big Data & Society, 4(2), pp. 1-12.

Star, S. L. (1990). Power, technology and the phenomenology of conventions: On being allergic to onions. *The Sociological Review, 38*(1), 26–56.

Takayoshi, P., Tomlinson, E., and Castillo, J. (2010). The construction of research problems and methods. In K. Powell and P. Takayoshi, (Eds.), *Practicing Research in Writing Studies (pp. 97-121)*. New York, NY: Hampton Press.

Vee, A. (2017). *Coding literacy*. Cambridge, MA: MIT Press.

Wickman, C. (2013). Observing inscriptions at work: Visualization and text production in experimental physics research. *Technical Communication Quarterly, 22*, pp. 150-171.

Yam, S. (2017). Instagramming the Starbucks *Bing Sutt*: Nostalgia memory kitsch and the construction of cosmopolitan consumer subjects. *Enculturation*, Issue 25. Retrieved 11 Dec. 2017 from http://enculturation.net/instagramming_the_starbucks_bing_sutt.

yergeau, m. (2018). *Authoring Autism: on rhetoric and neurological queerness*. Durham, NC: Duke UP.

List of Supplementary Readings

Bowker, G. C. & Star, S. L. (1999/2000). *Sorting things out: Classification and its consequences.* Cambridge, MA: MIT Press.

Clark, D. (2010). Shaped and Shaping Tools: The rhetorical nature of technical communication technologies. Spilka, Ed., *Digital literacy for Technical communication, (pp. 85-102).* New York, NY: Routledge.

Kaptelinin, V. and Nardi, B. (2006). *Acting with technology: Activity Theory and Interaction Design.* Cambridge, MA: MIT Press.

Spinuzzi, C. (2003). *Tracing genres through organizations: A sociocultural approach to information design.* Cambridge, MA: MIT Press.

Tufekci, Z. (2014). Engineering the public: Big data, surveillance and computational politics. First Monday, 19(7). Retrieved 2 Dec. 2017 from http://firstmonday.org/ojs/index.php/fm/article/view/4901

Wilson III, E. J. & Costanza-Chock, S. (2012). New voices on the net: The digital journalism divide and the costs of network exclusion. In L. Nakamura & P.A. Chow-White (Eds.), Race After the Internet (pp. 246-268). New York, NY: Routledge.