REFERENCES

- Alexander, Sylvia, and Alastair Irons. *Effective Learning and Teaching in Computing*. Routledge, 2004.
- Brame, Cynthia. *Effective Educational Videos*. Vanderbilt University, 2015. cft.vanderbilt.edu/guides-sub-pages/effective-educational-videos/.
- Clark, Ruth Colvin, and Richard E. Mayer. *E-Learning and the Science of Instruction: Proven Guidelines for Consumers and Designers of Multimedia Learning*. John Wiley Et Sons, 2016.
- Fiorella, L., Stull, Kuhlmann, and R. E. Mayer. *Instructor presence in video lectures: The role of dynamic drawings, eye contact, and instructor visibility*. Journal of Educational Psychology, 2019. https://doi.org/10.1037/edu0000325
- Guo P.J., Kim, and Robin. How video production affects student engagement: An empirical study of MOOC videos. ACM Conference on Learning at Scale, 2014. http://groups.csail.mit.edu/uid/other-pubs/las2014-pguo-engagement.pdf.
- Hattie, John, and Helen Timperely. "The Power of Feedback." Review of Educational Research, 2007. http://www.columbia.edu/~mvp19/ETF/Feedback.pdf
- Hibbert, Melanie. "What Makes an Online Instructional Video Compelling?" EDUCAUSE Review, 2014. er.educause.edu/articles/2014/4/what-makes-an-online-instructional-video-compelling.
- Hove, Petra ten. "Characteristics of Instructional Videos for Conceptual Knowledge Development." University of Twente, 2014. https://essay.utwente.nl/66639/1/Hove%20ten%20P.%20-%20S1360191%20-%20masterscriptie.pdf.
- Keithly, M., Friedman, K., and Woelfle, M. "Blending it up: active learning in a STEM classroom through the use of online materials." Bold Fellows. Vanderbilt University, 2015. https://www.vanderbilt.edu/bold/docs/bsci-2210-principles-of-genetics/
- Kim, J., Guo, P. J., Seaton, D. T., Mitros, P., Gajos, K. Z., & Miller, R. C. (2014b). *Understanding in-video dropouts and interaction peaks in online lecture videos*. In Proceedings of the first ACM conference on learning@ scale (pp. 31–40). ACM.
- Mayer, R. E.. "Applying the science of learning: Evidence-based principles for the design of multimedia instruction." American Psychologist, 2008. https://ctl.columbia.edu/resources-and-technology/teaching-with-technology/diy-video/effective-videos/.

- Mayer, R. E. Cognitive theory of multimedia learning. *The Cambridge handbook of multimedia learning.* (pp. 43–71). New York: Cambridge University Press, 2014.
- Mayer, R.E., Fiorella, L. & Stull, A. *Five ways to increase the effectiveness of instructional video*. Education Tech Research Dev, 2020. https://doi.org/10.1007/s11423-020-09749-6
- Murayama, Kuo. "The Science of Motivation." American Psychological Association, 2018. https://www.apa.org/science/about/psa/2018/06/motivation
- Nagahama, Toro, and Morita, Yuseke. "Effect Analysis of Playback Speed for Lecture Video Including Instructor Images." International Journal for Educational Media and Technology 2017
- Ozan, O., & Ozarslan, Y. Video lecture watching behaviors of learners in online courses. *Educational Media International*, 2016.
- Perera-Diltz, Dilani M. and Moe, Jeffry L., "Formative and Summative Assessment in Online Education." Counseling & Human Services Faculty Publications, 2014. https://digitalcommons.odu.edu/chs_pubs/37
- Spratt, Christine, and Lajbcygier, Paul. "E-Learning Technologies and Evidence-Based Assessment Approaches." Information Science Reference, 2009.
- Webb, Helen. "What does Effective Student Feedback Look Like?" SECED, 2016
- Zhang, Dongsong & Zhou, Lina & Briggs, Robert & Nunamaker, Jay. (2006). Instructional video in e-learning: Assessing the impact of interactive video on learning effectiveness. Information & Management. 43. 15-27. 10.1016/j.im.2005.01.004.
- Zubair, Faizan. "Interactive Videos to Enhance Student Understanding of Thermodynamic Efficiency." Presentation at the American Institute of Chemical Engineers, Salt Lake City, UT, November 11, 2015.