

Instructor Sample Course Resources

Here are the collected research articles that provide the data-driven strategies used in the [Distance and Online Education](#) (DOE) instructor sample course.

RESEARCH

Homepage

Hewitt, J. (2003). How habitual online practices affect the development of asynchronous discussion threads. *Journal of Educational Computing Research*, 28, 1, 31-45.

<http://journals.sagepub.com/doi/pdf/10.2190/PMG8-A05J-CUH1-DK14>

Hillman, D. C., Willis, D. J. & Gunawardena, C. N. (1994). Learner-interface interaction in distance education: An extension of contemporary models and strategies for practitioners. *The American Journal of Distance Education*, 8 (2), 30-42.

<http://journals.sagepub.com/doi/pdf/10.1177/1071181312561114>

Jiang, M. & Ting, E. (2000). A study of factors influencing students' perceived learning in a web-based course environment. *International Journal of Educational Telecommunications* 6(4), 317-338.

<http://journals.sagepub.com/doi/abs/10.2304/elea.2013.10.3.226>

Kirschner, Paul, A., Sweller, John, & Clark, Richard, E. (2006) Why minimal guidance during instruction does not work: an analysis of the failure of constructivist, discovery, problem-based, experiential, and inquiry-based teaching, *Educational Psychologist*, 41:2, 75-86.

http://www.tandfonline.com/doi/abs/10.1207/s15326985ep4102_1

Shea, P. J., Fredericksen, E. E., Pickett, A. M., & Pelz, W. E. (2003). A preliminary investigation of “teaching presence” in the SUNY learning network. In J. Bourne, & J. C. Moore (Eds.), *Elements of quality online education: Into the mainstream* (pp. 279–312). Needham, MA: Sloan-C.

<http://citeseerx.ist.psu.edu/viewdoc/summary;jsessionid=14D650B06C38C79DA5D1D88D5BAA300F?doi=10.1.1.585.6135>

Getting Started Module

Start Here Page

Bischoff, B. (2000). The elements of effective online teaching. In K. W. White & B. H. Weight (Eds.), *The online teaching guide* (pp. 57-72). Needham Heights, MA: Allyn and Bacon.

Instructor Introduction Page

Garrison, D.R., and Arbaugh, J.B. (2010). Researching the community of inquiry framework: Review, issues, and future directions. *The Internet and Higher Education* 10(3), 157-172.

<https://www.sciencedirect.com/science/article/pii/S1096751607000358>

Course Technical Requirements Page

Caldwell, B., Cooper, M., Reid, L.G., & Vanderheiden, G. (Eds.) (2008). Web Content Accessibility Guidelines (WCAG) 2.0.

<https://www.w3.org/TR/WCAG20/>

Introduce Yourself (Student Discussion Forum)

Muilenburg, L.Y., & Berge, Z.L. (2005). Student barriers to online learning: a factor analysis study. *Distance Education* 26(1), 29-48.

https://www.researchgate.net/profile/Zane_Berge/publication/277790721_A_Factor_Analytic_Study_of_Barriers_Perceived_by_Students_to_Online_Learning/links/580cee1d08ae2cb3a5e3c1ef.pdf

Course Modules

Overview

Biggs J. (2003). **Aligning teaching and assessing to course objectives.**

Teaching and Learning in Higher Education: New Trends and Innovations.

University of Aveiro, 13-17 April 2003.

https://www.researchgate.net/publication/241251310_Aligning_teaching_and_assessing_to_course_objectives

Lesson

Mayer, R.E., & Moreno, R. (2003). Nine ways to reduce cognitive load in multimedia learning. *Educational Psychologist* 38(1).

<http://www.psychology.mcmaster.ca/bennett/psy720/readings/m1/m1r4.pdf>

Quiz

Hattie, J., & Timperley, H. (2007). The power of feedback. *Review of Educational Research* 77(1) 81-112.

<http://www.columbia.edu/~mvp19/ETF/Feedback.pdf>

Assignment

Meyers, N., & Nulty, D.D.(2009). How to use (five) curriculum design principles to align authentic learning environments, assessments, students' approaches to thinking and learning outcomes. *Assessment and Evaluation in Higher Education* 34(5).

<https://doi.org/10.1080/02602930802226502>

Discussion

Christopher, Mary M., Thomas, Julie A., & Tallent-Runnels, Mary K. (2004). Raising the bar: Encouraging high level thinking in online discussion forums, *Roeper Review*, 26 (3) 166-171.

<https://doi.org/10.1080/02783190409554262>