

NITOP 2020 Workshop Description from Bill Cerbin

Title: Learning by Design: Implementing Strategies to Promote Robust Learning

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Abstract: Research has shown that almost any teaching method can enhance learning (Hattie, 2009). To be *most* effective, however, teaching must take into account cognitive factors that can support as well as derail learning. For example, abundant research has shown that practice testing can be a potent learning strategy. But not all instances of practice testing are effective (Foss & Pirozzolo, 2017).

Research on learning can guide us in deciding how to *remodel* our current strategies or adopt alternative ones to better support student learning. In this session, we will examine how various instructional strategies can support learning, when and why to use them, and how to incorporate them in your teaching. You will have an opportunity to outline a plan to implement strategies to promote robust learning in your course(s). From a menu of strategies, you can select or modify any that fit your content area, learning goals and teaching preferences.