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Tales from the Trenches: Blended Learning in a Calculus Class at the University of Alberta

Blended learning is a combination of face-to-face and computer-mediated teaching and learning activities. Blended learning gives students some control over the time, place, content, and pace of their own learning, and it provides instructors with flexibility to enhance the in-class experience. At the University of Alberta, we piloted Calculus for the Physical Sciences I and II in a blended format in 2014-2015. I will present an overview of the structure of our blended courses, provide examples of some of the face-to-face and online learning activities that we experimented with, share some initial feedback (from students, observers, and the instructor), and reflect on our successes and challenges.