

Abstract Submitted
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Physics Labs During a Pandemic: A Mount Union Tale ROBERT EKEY, University of Mount Union — During the Covid Pandemic, we quickly had to learn how to move our hands-on introductory laboratory experiences to an online format. This was utilized for over an academic year, as we developed methods for multi-modal engagement for students who are in quarantine and unable to attend in person. In General Physics I and II Laboratories at Mount Union, we utilized Microsoft Teams and OneNote to allow groups to complete concept sheets and experiments as a group using their individual computers. When a student participates virtually, they use the video chat function in Teams to interact remotely with their group members and instructor/TA, and handouts and related videos and data are posted to our learning management system. This talk will describe how this method compared with our typical laboratory experience including the student performance on the Force Concept Inventory.

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