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From Remote to Flipped: Incorporating asynchronous content into your in-person class

Before the pandemic, some instructors were already recording videos for calculus, as part of a "flipped" teaching style, where students watched videos at home before class and then completed practice exercises during in-person lecture time. As we return to in-person lectures this fall, we can use the asynchronous content developed during the pandemic to transition to a flipped course format. This talk will present the key elements of a flipped calculus course developed in 2014, including at-home (videos, exercises, quizzes) and in-class (discussion and practice) components. Special attention will be paid to the context of in-coming first-year students, who have had three disrupted years of high school mathematics.