

## Thoughts on hybrid

Delivery Method	Impact on teaching	Impact on learning	
		For in-person students	For online-students
<p>One-way: Live-stream or recording of lecture without student participation. (materials; laptop with external webcam and mic on tripod; Zoom)</p>	<p>Privileges prof-led lectures; Sage-on-stage delivery.</p> <p>Can make professor limit interactivity with in-person students, have to stay in-camera and on-mic.</p> <p>Lower cognitive load than two-way.</p>	<p>Could lead to less active-learning, group work, interaction with professor. B/c teaching has to be captured on camera. The learning occurs on the stage.</p>	<p>No interaction with professor or fellow students.</p> <p>Only useful if the class is lecture-style.</p> <p>But, can be a great way for students who have to miss class to catch-up on critical information. Equity of access. It snows, student in wheelchair can't attend. This is MUCH better than just getting notes.</p>
<p>Two-way: With student interaction.</p> <p>1.Student-to-Prof</p> <p>2.+Student-to-Student (online)</p>	<p>Overall, higher cognitive load. Maybe you get use to it. . . .</p> <p>1.Prof has to monitor both class and online for questions.</p>	<p>Overall, prof's attention is split between in-person and online students. Worst of both worlds?? BUT, many in-person students may be an online student once or twice.</p>	<p>1.Students get to meaningfully participate in class, much more like an in-person experience of a</p>

3.+Student-to-student (mix) (way to display students at tables)

Tricky. TA could really help.

2.Prof can design class around active learning. Students online can use breakout rooms for discussion.

3.Can even have students join in-person groups at tables via breakout rooms on a laptop. They can hear the group discussion and contribute to it.

In both #2 and #3 above, prof has to design group activities that can be done without students having access to in-class materials. **Will require designing two versions of all activities,** managing two sets of students, monitoring understanding of online students

3.In-person students get to connect with others around the word.

traditional lecture.

2.Students also get peer interaction

3.Students who can only ever join remotely, get to meet and form connection with on-campus students. Community building opportunity.

and in-person  
ones.  
Exhausting.

