

## Synchronous vs Asynchronous Online Lectures and Assignments

	Synchronous	Asynchronous
<p><b>Lectures</b></p> <p>Live Lectures via Zoom vs. Pre-recorded Lectures</p>	<p><b>Pros:</b></p> <ul style="list-style-type: none"> <li>- More similar to in-person classroom experience</li> <li>- Students can ask questions and get answers in real time</li> <li>- Students can engage in discussions in real time using Zoom’s chat tool (and chat log can be saved)</li> <li>- Can track attendance</li> <li>- Can use classroom response systems such as Top Hat (via screen sharing in Zoom)</li> </ul> <p><b>Cons:</b></p> <ul style="list-style-type: none"> <li>- More susceptible to tech/connection issues</li> <li>- Less flexibility in terms of time and location (for both instructor and students)</li> <li>- Content cannot be reviewed unless sessions are recorded and shared</li> </ul>	<p><b>Pros:</b></p> <ul style="list-style-type: none"> <li>- Students can view lectures prior to class, then participate in discussions of the materials during class time (i.e. flipped classroom.)</li> <li>- More flexibility in terms of time and location (for both instructor and students)</li> <li>- Students can watch multiple times</li> <li>- Less susceptible to tech/connection issues</li> </ul> <p><b>Cons:</b></p> <ul style="list-style-type: none"> <li>- Students cannot ask questions and get answers in real time</li> <li>- Cannot track attendance in the conventional sense (though viewing stat is available via UICapture.)</li> <li>- Cannot use classroom response systems such as Top Hat</li> </ul>
<p><b>Discussions</b></p> <p>Live Discussions via Zoom vs. Discussion Forum in ICON</p>	<p><b>Pros:</b></p> <ul style="list-style-type: none"> <li>- Students can ask questions and get answers in real time</li> <li>- Responses are more spontaneous and tend to be more genuine</li> <li>- Some students may be more open during a live discussion when discussing more sensitive/controversial topics</li> </ul> <p><b>Cons:</b></p> <ul style="list-style-type: none"> <li>- Students have less time to prepare for a response</li> <li>- A less comfortable environment for students who are more “shy” in-person</li> </ul>	<p><b>Pros:</b></p> <ul style="list-style-type: none"> <li>- Students have more time to prepare for a response (i.e. responses maybe more thoughtful and in-depth.)</li> <li>- Encourage deeper discussions and learning from each other</li> <li>- A more comfortable environment for students who are more “shy” in-person.</li> </ul> <p><b>Cons:</b></p> <ul style="list-style-type: none"> <li>- Some students may be less comfortable in expressing their thoughts in writing when discussing more sensitive/controversial topics.</li> </ul>

## Synchronous vs Asynchronous Online Lectures and Assignments

	Synchronous	Asynchronous
<p><b>Project Presentations</b></p> <p>Live Presentation via Zoom vs. Video Submission in ICON</p>	<p><b>Pros:</b></p> <ul style="list-style-type: none"> <li>- More similar to in-person classroom experience</li> <li>- Others can ask questions in real time</li> <li>- Groups with multiple presenters can present</li> </ul> <p><b>Cons:</b></p> <ul style="list-style-type: none"> <li>- More susceptible to tech/connection issues</li> <li>- Content cannot be reviewed unless sessions are recorded</li> <li>- More flexibility in terms of time and location</li> <li>- No opportunity to re-do or resubmit if a mistake was made during presentation</li> </ul>	<p><b>Pros:</b></p> <ul style="list-style-type: none"> <li>- Groups with multiple presenters can record</li> <li>- Opportunity to re-do or resubmit video if a mistake was made</li> <li>- More flexibility in terms of time and location</li> <li>- More susceptible to tech/connection issues</li> </ul> <p><b>Cons:</b></p> <ul style="list-style-type: none"> <li>- Others cannot ask questions in real time</li> <li>- Students need to learn how to record</li> <li>- Additional tools and steps may be required to record multiple presenters in groups.</li> </ul>