

## Virtual Classroom: What to choose? An overview

Tool	Application	Ease of use	To take into consideration
<b>Canvas - BigBlueButton</b>	BigBlueButton is a webconferencing system especially designed for online distance learning. Teacher and student are available at the same time.	Easy available. Easy to use. Independent of other persons or departments. Each Canvas course has the BigBlueButton conference option. Activate <i>Conferences</i> in the course menu (via settings) and plan a live session.	Conference/ BigBlueButton/ Webinar. Different tools and names are used for essentially the same thing. An online session will not be the same experience as a live lecture. Think about good preparation, attention span, activation, answer questions. Your learning curve using the tool. You can record the session. Different amounts a students need different kind of preparation.
	More information: <a href="https://www.utwente.nl/en/telt/solutions/BigBlueButton/">https://www.utwente.nl/en/telt/solutions/BigBlueButton/</a>		
<b>BlueJeans</b>	BlueJeans is a live video streaming service. Primarily for presenting to a (large) online audience. Lectureres and students can contribute (or follow) it from any location with any device	Easy to use. Setup via LISA department. Recording an in-class lecture is also possible via de BlueJeans service. No account needed for participants. Easy to join via a simple URL via the web or app.	Especially the lecturer should have good quality audio and video capabilities on their computer or device. Testing before a lecture is the best way to ensure that all the settings are correct and are in working order
	More information: <a href="https://www.utwente.nl/en/telt/solutions/BlueJeans/">https://www.utwente.nl/en/telt/solutions/BlueJeans/</a>		
<b>Classroom video lecture</b>	Classroom lectures (with students) are recorded and made available via Vimeo.	Easy to use. Setup via LISA department (option: 4. Video lecture (incl. screen grabbing, if required)	Time needed between recording and availability online. Limited amount of technical facilities in case of high demands. High quality recordings PowerPoint presentations are included in the final recording. Added value for student learning depends strongly on quality of the lesson setup.
	More information: <a href="https://www.utwente.nl/en/cfm/services-abc/product/1366685/video-services">https://www.utwente.nl/en/cfm/services-abc/product/1366685/video-services</a>		

<b>Screencast video (simple)</b>	With screen cast software you can record what you do on you computer desktop. This can include your webcam video and voice explaining what you do. The videos are made available via for example a Canvas course.	The free software version of screencast-o-matic is easy to use and doesn't need to install software. To use independent of any other parties.	Free version is limited to 15 minutes You have to make multiple videos if you want to cover more content. A good screencast needs some preparation.
	More information: <a href="https://www.utwente.nl/en/telt/solutions/Screencast-o-matic/">https://www.utwente.nl/en/telt/solutions/Screencast-o-matic/</a>		
<b>Screencast video Camtasia</b>	Camtasia is screencast software that has more options, like editing. The videos need to be published to make them available for the students.	There is a learning curve using Camtasia software.	Limited licenses available. Steep learning curve. Preparation needs time.
	More information: <a href="https://www.utwente.nl/en/telt/solutions/Screencasts/#why-a-screencast">https://www.utwente.nl/en/telt/solutions/Screencasts/#why-a-screencast</a>		
<b>PowerPoint video</b>	A PowerPoint video is you standard PowerPoint presentation with your explanation in audio embed. The video is made available via Canvas or video platform (vimeo, Youtube)	Easy to use. (If familiar with PowerPoint)	If the presentation is long, cut up in smaller parts.
	More information: <a href="https://support.office.com/en-us/article/Turn-your-presentation-into-a-video-C140551F-CB37-4818-B5D4-3E30815C3E83#OfficeVersion=2010">https://support.office.com/en-us/article/Turn-your-presentation-into-a-video-C140551F-CB37-4818-B5D4-3E30815C3E83#OfficeVersion=2010</a>		
<b>Skype</b>	Video conferencing	Easy to use for ono-on-one or in small group discussions.	Every student and lecturer should have an account
	More information: <a href="https://www.utwente.nl/en/lisa/ict/manuals/telephony/skypeforbusiness/">https://www.utwente.nl/en/lisa/ict/manuals/telephony/skypeforbusiness/</a>		
<b>Other</b>	Other options and combinations are also possible. For example using voting tools, creating pencasts, micro lecture video recording in the studio. Each option has its own advantages and disadvantages.		