Does Video Conferencing Work For Learning?

Best Practices In The Online Synchronous Classroom

Jason Johnston – Director of Teaching & Learning
University of Kentucky College of Social Work

jasonpauljohnston@uky.edu
introductions

my final point
Learning Points Today

1. Important Theories Applied (TD & COI)
2. Main Video Tools
3. Best Practices
4. Practical Teaching Strategies
Think back: What makes for a great class?
Theories Applied

a. Transactional distance
b. Community of Inquiry
Transactional Distance

a psychological and communication space that separates the instructor and learner

(Moore, 1993)
LOST IN TRANSACTION
the extent to which dialogue is achieved is a major factor in overcoming transactional distance

(Moore, 1993, p. 26)
SOCIAL PRESENCE

TEACHING PRESENCE

COGNITIVE PRESENCE

EDUCATIONAL EXPERIENCE

Community of Inquiry
(Garrison, Anderson, & Archer 1999)
When a course is designed with presence in mind, the experience comes alive and the learning process is driven by the dynamic interplay between thought, emotion, and behavior (Lehman & Conceição, 2010).
Education is the interchange of ideas, is conversation – belongs to a universe of discourse.

(George Herbert Mead, as quoted by Lipman, 1991, p.230)
What are some ways we can use synchronous video with presence in mind?
Reducing Transactional Distance: Synchronous Meetings

“Class orientation and how to be successful”  “Current events”  “Team-based learning assignments”

“use for review sessions before exams”  “Provide case studies to allow students to apply their content knowledge”

“Grouping students with similar disciplines to review a case study.”  “Offer a variety of times to fit all schedules”

“Breakout rooms are fabulous.”  “Keep content updated”

“Personal story like son’s sports”

“Ask for formative feedback about teaching”  “Muddiest questions”

“proctor on site exams to meet students”

“We go and get coffee. Through Skype or in person. And I get to talk to them about class, their lives, and their passions.”

“Review content and answer expectations”  “Address misconceptions”
Main Video Conferencing Tools
- Web-conferencing
- Video-conferencing
- Synchronous virtual classroom
- Synchronous learning
- E-conferencing
- Webinar
- “Skyping” or “Face-timing”
• Skype (Microsoft Lync)
• Zoom
• Adobe Connect
• Google Hangouts
• Cisco WebEx (other iTV, etc.)
• BigBlueButton
• Distance lecturing
• Screen sharing
• Web conferencing
• Online presentations
• Online office hours
• Group work
• Study sessions
Best Practices
To welcome the students and “show them around”

(Miller, 2014 / QualityMatters.org and others)
Encourage students to offer personal information – teachers lead the way (appropriately) (Miller, 2014)
Ignite the social: ice breakers, surveys, sharing, scavenger hunts, etc.

(Lehman, 2010)
Encourage supportive communication between students

(Miller, 2014)
Don’t just start a discussion, create a cooperative argumentative dialogue.

(Lumer, 1988)
Blend synchronous and asynchronous learning – it will increase social presence

(Yamagata-Lynch, 2014, p. 203)
Practical Teaching Strategies
PREEMPT TECH PROBLEMS

https://zoom.us/test
CREATE RULES OF ENGAGEMENT
ZOOM RULES OF ENGAGEMENT

- Raise Your Hand to indicate you have a question.
- Use thumbs up and thumbs down to indicate "Agree" & "Disagree"
- Keep your microphones muted until you have been acknowledged (through raise hand).
- If you are having trouble with audio or video, please use the chat box as needed to let me know your status or ask questions.
- Consider any distracting sights, sounds or behavior while we are in class
MAINTAIN A LIVELY PACE
VISUALIZE THE CONTENT
USE FREQUENT PARTICIPANT RESPONSES
USE SMALL BREAK-OUT ROOMS

Learn more about Zoom breakout rooms https://support.zoom.us/hc/en-us/articles/206476313?zcid=1231
KEEP
CLASSES
SHORTER
THINK OUTSIDE THE CLASSROOM BOX
Questions
Thank you

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Resources


Session Evaluations Contest

- Download and open OLC Conferences mobile app
- Navigate to specific session to evaluate
- Click “Evaluate Session” at the bottom of session details screen
- Complete session evaluation*

*Each session evaluation completed (limited to one per session) = one contest entry

Five (5) $25 gift cards will be awarded to five (5) individuals
Must submit evals using the OLC Conferences mobile app or website