DOUBLE-FEATURE
DISCUSSION

SYNCHRONOUS AND
ASYNCHRONOUS
VIDEO
APPLICATIONS IN
HIGHER EDUCATION

High-End Video Conferencing to Deliver College Instruction
Eric J. Hagan, Ed.D
Michael Yorgey
DeSales University

Flip Smarter, Not Harder – Creating Dynamic Video Content for Online and Face-to-Face Courses
Russ Lichterman
Wilmington University
EDUCATIONAL APPLICATIONS OF VIDEO CONFERENCING
About DeSales University

- DeSales University is private, four-year Catholic university located in Pennsylvania’s Lehigh Valley.

- Enrollment:
  - 1,600 traditional day undergraduate students
  - 1,700 part-time undergrad and grad students

- Our priority is to give our students a quality, broad-based liberal arts and career-centered education.

- Popular fields of study include business, healthcare, education, performing arts.

- Founded in 1964 as Allentown College of St. Francis de Sales.
**Video Conferencing**
- Vendors: Lifesize, Polycom, Cisco
- Requires professional equipment and on-site technician
- Higher quality audio and video
- Best approximation of being with the professor in a live class
- Immersive learning environment

**Web Conferencing**
- Vendors: Blackboard Collaborate, Adobe Connect, GoToMeeting, WebEx, Skype
- Uses ubiquitous technologies
- Convenient
- Less expensive
- Interactivity requires adapting to the Web environment
CURRENT CONFIGURATION
NEWLY EXPANDED CONFIGURATION

Dedicated, Full Screen “Far-End” Monitors for Students

Dedicated, Full Screen “Far-End” Monitors for Instructor

Presentation

View of Instructor (only if they are presenting from Remote Location)
**Video Conferencing at DeSales**

- One instructional delivery tool among many
- 3 full-blown video conferencing rooms, a mobile unit and a server system
- Main vendor is Lifesize
- Full two-way multi-point conferencing among all locations
- Professors can teach from any of the VC rooms
- Goal is to have both local and “far end” students feel like they are in the live class
APPLICATIONS

1. Simulcasting of classes among our three campuses
2. Simulcasting of classes among institutions in the Lehigh Valley Association of Independent Colleges (LVAIC)
3. Bringing distant special guests into the classroom
4. Providing a high-quality live video feed to distant students
VIDEO CONFERENCING CHALLENGES

- Significant investment
- Quality expectations relative to Web conferencing set a high bar
- All technical and human elements and need to work together: network, hardware, software, lighting, room arrangement, instructor skill, tech support
- Limited scalability
THANK YOU!
ABOUT WILMINGTON UNIVERSITY...

- Private, non-profit university
- Main campus and graduate campus located in New Castle, DE
- Over 19,000 students at 14 locations + Online
- 37% of students take at least 1 online course
WHAT IS A SWIVL AND WHY SHOULD I CARE?
HOW DOES IT WORK?

- Instructors set up the Swivl in class
- Record the segments live in front of students
- Send them to Kaltura, YouTube, or other cloud video host
- Add to Blackboard Courses
HOW DOES IT WORK?

Adding to a Bb course via Kaltura using the Faculty Repository:
HOW DOES IT WORK?
HOW DOES IT WORK?

- Adding to a Bb course via YouTube using embed code:
HOW DOES IT WORK?
WHAT DOES IT ACCOMPLISH?

- **Give distance learners more of a face-to-face experience**
- **Allow for “flipped classroom” segments to be created from traditional courses**
- **Bring dynamic, engaging content to any student – traditional or at a distance.**
DISCUSSION QUESTIONS

• What video applications are YOU excited about?
• What are YOUR challenges?
• What is your best tip for success in using video?
• What video lesson learned can you share?
CONTACT INFORMATION

Eric J. Hagan, Ed.D.
Director, Distance Education and Instructional Technology
DeSales University
Phone: 610-282-1100 x1689
E-mail: eric.hagan@desales.edu
Web: www.desales.edu/deit

Mike Yorgey
Instructional Media Specialist
DeSales University
Phone: 610-282-1100 x1579
E-mail: michael.yorgey@desales.edu
Web: www.desales.edu/deit

Russ Lichterman
Educational Technology Specialist
Wilmington University
Educational Technology and Online Learning
Phone: 302-295-1149
E-mail: russell.j.lichterman@wilmu.edu
Web: www.wilmu.edu/multimedia