NMU INTERACTIVE CONFERENCING & PRESENTATION TECHNOLOGY

A Campus Update
PRESENTATION OVERVIEW

- Historical Perspective
- Review of NMU video conferencing and streaming technologies
- Demonstration of NMU’s technology at work
- Overview of how our technology is applied throughout campus
VIDEO CONFERENCING AT NMU

- **Dedicated Facilities:**
  - Total of 6 rooms
  - Seating capacity 4 – 90 people

- **Portable Options:**
  - Mobile equipment for any room
VIDEO CONFERENCING AT NMU

- Person to Person (consumer service)

- FaceTime
- Google Hangouts
VIDEO CONFERENCING PRIMER

- Consumer Service Concerns:
  - Unsuitable for large groups
  - Unpredictable quality & service
  - Proprietary connections
  - Intrusive advertising
VIDEO CONFERENCING AT NMU

- Person to Large Group
  - Two or more endpoints
  - Share screens
VIDEO CONFERENCING AT NMU

NMU’s Bridge Service:
- Interoperable with a variety of devices
- Maintains better control of conference quality
- Better solution for academic learning
- Efficient one-stop-shop for administrative conferencing
VIDEO CONFERENCING AT NMU

Recipe for Successful Video Conferencing

- Connection Speed
- Lighting
- Sound
VIDEO CONFERENCING AT NMU

Getting The Best Results:

- Internet speed ([www.speedtest.net](http://www.speedtest.net))
- Wired often is better than wireless

Ping: Lower is better  Download & Upload Speed: Higher is better
VIDEO CONFERENCING AT NMU

Getting the best results:
- Light from the front, not behind
VIDEO CONFERENCEING AT NMU

Getting The Best Results:
- Windows in the background can compromise your image
VIDEO CONFERENCING AT NMU

Getting The Best Results:
- Headsets improve what you hear and how others hear you
- Muting microphones when others talk reduces noise and feedback
VIDEO CONFERENCING AT NMU

Connection Options:
- Dedicated classroom or conference facility
- Portable conference setups
- Notebook personal conferencing (Jabber)
- Notebook personal conferencing (Commercial)
- Mobile clients
VIDEO CONFERENCING AT NMU

Current Users:

- Radiography program
- Classroom guest lecturers
- Virtual field trips
- Recruitment (Admissions, Career Pathways)
- Faculty / Staff employment interviews
- Off-campus student career interviews
- Faculty & staff travel replacement
Social Work and Clinical Sciences Radiography students requiring field placements have selected locations such as Montana and Africa, but still participate in face-to-face classes at NMU.

- SW 472 - Social Work Practice with Diverse Populations
- SW 473 - Integrative Seminar I
- RAD 361 - Diagnostic Image Production
- RAD 364 - Image Processing and Quality Management
GUEST SPEAKERS

History class conferencing with Maya Alkateb, a Fulbright Scholar from Syria to discuss her country’s culture and history.
GUEST SPEAKERS

**BI 295:** Kimberly Signs, Communicable Disease Division, Bureau of Disease Control, Prevention, and Epidemiology Michigan Department of Community Health.

**BC 265:** John Parkinson, digital journalist for ABC News, assigned to cover the House of Representatives at the U.S. Capitol.

**SW 472:** Dr. Yoon Joon Choi, *Domestic violence and substance abuse among immigrant and minority women*, University of Georgia.
RECRUITMENT

Career Pathway Interactive - Career exploration for grades 7-12 highlighting specific career paths:
- Nursing
- Athletic training

Topics include:
- academic preparation
- academic programs
- NMU facilities & labs
- salary expectations
- job demand,
- projected employment
- internship/volunteer opportunities
- Career challenges and rewards
K-12 OUTREACH

Demos from Content Providers

Looking for a demonstration of video conferencing for your staff meeting or board meeting? Many content providers offer teacher overview sessions for FREE! Click this box for more info.

TWICE LISTSERV
The TWICE Listserv is intended to share resources, anecdotes, and connections between schools in Michigan.

CAPSPACE LOGIN
A collaborative videoconference project gives you and your students an opportunity to learn with others.

ASK PROGRAMS
TWICE partners with various educational organizations around Michigan to bring ASK Author videoconferences to students.
VIRTUAL FIELD TRIPS

NMU Students Taking Care of Business, Financial Literacy, with the Rock-n-Roll Hall of Fame and Museum in Cleveland!

New York City’s Paley Center for Media provided a videoconference program on Political Advertising to NMU CAPS students.
VIRTUAL FIELD TRIPS

NMU UN100 Students explore Ghanaian Culture with the Akoma Ntoso Cultural Center, Ghana

The Center for Science and Industry offers Total Knee Replacement, attended by NMU premed students.
ECONOMIC DEVELOPMENT – COMMUNITY OUTREACH

- Legal Deposition & Witness Testimony
- Corporate Training & Development
- Non-profit organization meetings
A web streaming service designed to capture audio, video and still graphics simultaneously.

- Accommodates synchronous and asynchronous viewing
- Seamless integration with EduCat
- Works with notebook computers and mobile devices
Uses at NMU

- Lecture capture for courses
- Recruitment interviews
- Special presentations
- UNITED conference presentations
- Guest lectures
- University forums
Questions / Discussion