

Flipped Classroom and Distance Education Technology

What it means to College of Menominee Nation Students, and Community

What does it mean?

- ▶ Nothing more than reversing the lecture/homework model
 - ▶ From-gain skill during class time/apply skill as homework
 - ▶ To-gain skill as homework/apply skill in classroom
- ▶ Students watch video clips or readings prior to class, then the in class time that new knowledge is applied in project work or discussion.

Not Far From What I Grew Up With

- ▶ Grandpa taught me many lessons in the same format
- ▶ Others my age just got half the lesson (sit wrong place wrong time)
- ▶ Talk about what we were going to do, then we would apply what he told me



OLD IS NEW AGAIN



- ▶ No different that traditional education
- ▶ Real skills come from experiences, real knowledge comes from teaching

History of Effort-Linking Campuses

Green Bay/Oneida



Main Campus



History of CMN Effort

- ▶ Starting discussing the concept and infrastructure needs in 2012
- ▶ Began seeking grant funds
- ▶ Toured vendor set up
 - ▶ Liked the Cisco system best
- ▶ After no grant dollars came in we began “saving” Title III dollars



What we started with



- ▶ Instructor centered
- ▶ Did not allow for student interaction
- ▶ Was a standard classroom with video connection

What we have

- ▶ Set up allows and encourages direct student interaction.
- ▶ 2-70” monitors rather than a bank of small monitors
- ▶ Surround sound mic set up and speaker system (opening a bag of chips in GB/O bothers students in Keshena)
- ▶ Entire system designed for interaction

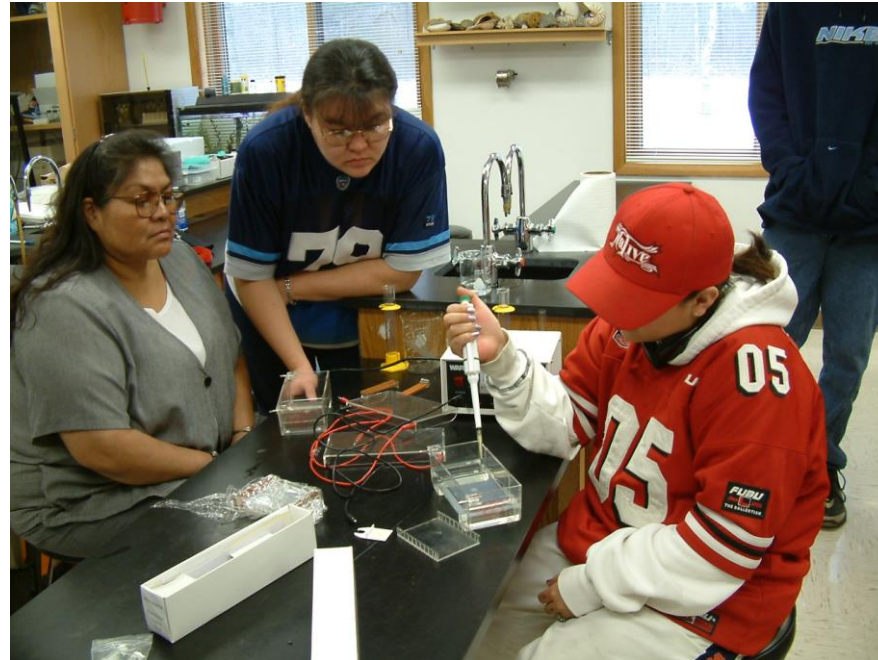


First real attempt-Stats

- ▶ [Assignment](#)

What does it mean to our students?

- ▶ Student learning is driven by experience and hands on application
- ▶ Students engaged
- ▶ Greater student/instructor interaction
- ▶ No greater way to reinforce skills



What does it mean to our community?



- ▶ Greater flexibility in access (campus to campus)
- ▶ Provide greater interaction between campus, greater exchange of ideas
- ▶ New experience they will bring into tribal intuitions as they graduate and move into the tribal workforce.
- ▶ Even provide greater opportunity with other schools and degree programs (Engineering)

What does it mean to the institution?

- ▶ Offer more for less
- ▶ Potential to teach two sessions (at the same time) with one instructor
- ▶ Greater opportunity to expand partnerships
- ▶ Expand class offering without expanding faculty
- ▶ Greater connection between campuses
- ▶ Decrease cost lost to travel and time

What WILL it mean to our Students

- ▶ Far more flexibility-(any time any device)
- ▶ Far better lecture format that can be reviewed over and over
- ▶ Greater experiential learning-better fit for better learning
- ▶ Wider network of classmates hopefully greater partnerships later (Shawano example)
- ▶ Greater ability to capitalize on opportunity

What WILL it mean to our Community

- ▶ Our community will GROW (serve more communities)
- ▶ Greater connection between communities
- ▶ Greater services

What WILL it mean to CMN

- ▶ Increase retention
- ▶ Expand enrollment
- ▶ Decrease some costs
- ▶ Sky is limit (moving pictures example) greater innovation

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www.menominee.edu/telepresence

CMN's digital communication tools allow individuals and groups in distant locations to take part in virtual classroom learning, whether students are using PC, Mac or mobile devices.

- Virtual-classroom lectures, discussions, group work and document sharing via two-way interactive technology with high-definition and superior audio.
- Learning led by well-qualified faculty and focused on American Indian business, policy planning and culture.



The College of Menominee Nation awards Bachelor's Degrees, Associate Degrees and technical diplomas, and offers an array of personal and professional development non-credit workshops.

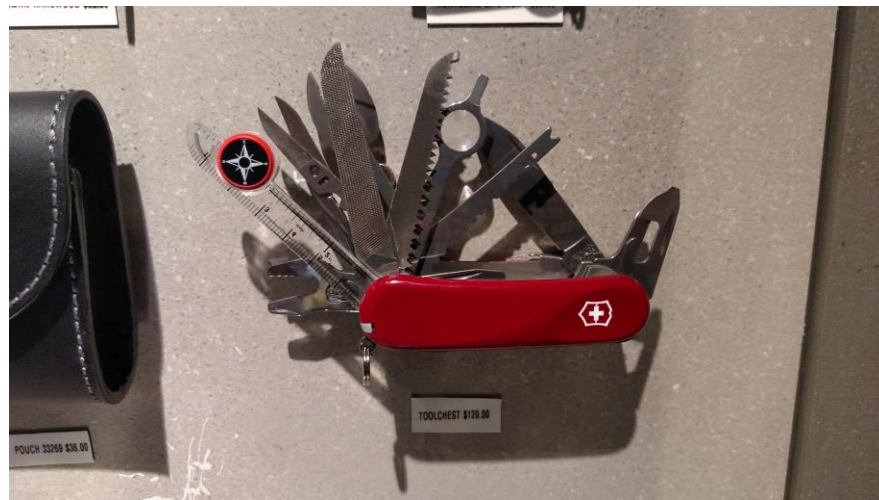
Chartered by the Menominee People and accredited by the Higher Learning Commission (hlcommission.org), CMN has been serving American Indian students since 1993.

TelePresence™ technology makes CMN's educational programming available to other American Indian students and communities far beyond the College's Keshena and Green Bay, Wisconsin, campuses. Learn more at www.menominee.edu/telepresence.



Final Thoughts

More Tools in the Toolbox



Help Those Turtles!

