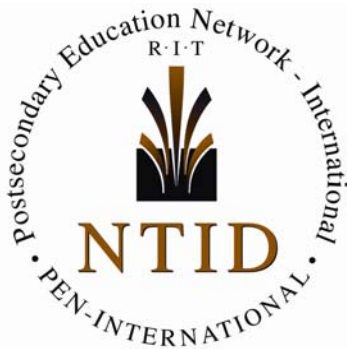


Various Instructional & Support Technologies Used at NTID, Rochester NY USA

E. William Clymer

PEN-International
NTID, USA

<http://www.pen.ntid.rit.edu>

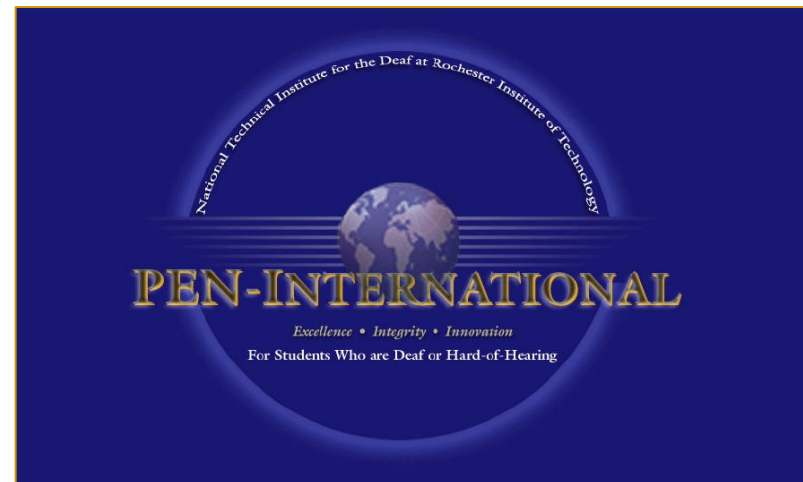


March 5, 2007

A Presentation to the Korean Delegation at PEN-
International

PEN-International Goals

- Improve Teaching, Learning and Curriculum Development
- Expand Career Education Opportunities for Deaf and Hard-Of-Hearing People Around the World
- Increase the Application of Technology to Teaching and Learning



<http://www.pen.ntid.rit.edu>



NTID Technology Expertise

Topics for Today

- Faculty Technology Skills
- Technology Infrastructure for Faculty
- Technology Infrastructure for Students
- Online Technology
- Communication Technology
- Technology Used in NTID Classrooms
- myCourses – Online Learning at RIT
- Instructional Technology Symposium
- NTID Center on Access Technology



[Faculty Technology Skills Professional Development Program]

- Level of Training
 - Individual
 - Department
 - Center
 - College
- Workshops
- Seminars
- Demonstrations
- Individual Training



Faculty Technology Skills Instructional Technology Consortium

- Faculty Development Activities
- Teachers Teaching Teachers
- Web Based Resources
- Faculty Projects
- Positive Evaluation & Impact

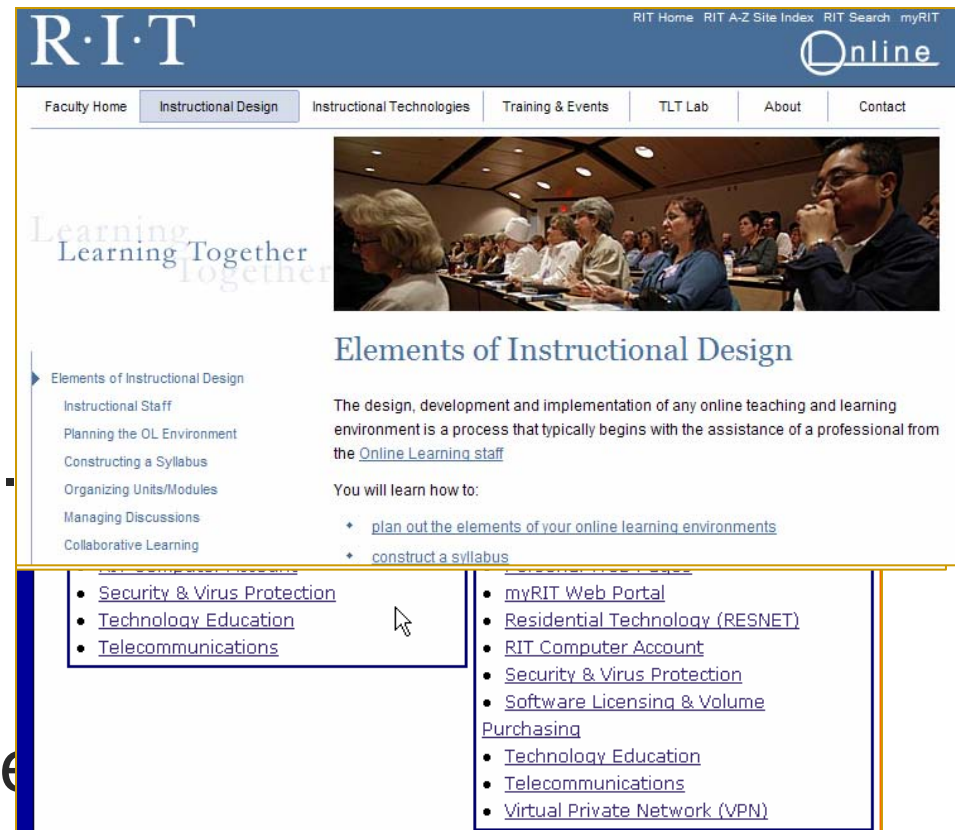


■ <http://www.rit.edu/~ntiditc/>



Faculty Technology Skills RIT Resources

- RIT Faculty Training
- RIT ITS Support
- RIT Office of Professional Dev.
- RIT Library
- Educational Technology Center



The screenshot shows the RIT Online Learning Together website. The header includes the RIT logo and navigation links: RIT Home, RIT A-Z Site Index, RIT Search, myRIT, and an Online logo. Below the header is a navigation bar with links: Faculty Home, Instructional Design (highlighted), Instructional Technologies, Training & Events, TLT Lab, About, and Contact.

The main content area features a large image of a group of people in a classroom setting. Below the image is the heading "Elements of Instructional Design" and a paragraph explaining the design, development and implementation of any online teaching and learning environment. It mentions the assistance of a professional from the [Online Learning staff](#).

Under the heading "You will learn how to:", there are two bullet points:

- [plan out the elements of your online learning environments](#)
- [construct a syllabus](#)

On the left side, there is a sidebar titled "Elements of Instructional Design" with a list of links:

- Instructional Staff
- Planning the OL Environment
- Constructing a Syllabus
- Organizing Units/Modules
- Managing Discussions
- Collaborative Learning

At the bottom, there are two boxes containing lists of links. The left box contains:

- [Security & Virus Protection](#)
- [Technology Education](#)
- [Telecommunications](#)

 The right box contains:

- [myRIT Web Portal](#)
- [Residential Technology \(RESNET\)](#)
- [RIT Computer Account](#)
- [Security & Virus Protection](#)
- [Software Licensing & Volume Purchasing](#)
- [Technology Education](#)
- [Telecommunications](#)
- [Virtual Private Network \(VPN\)](#)

Infrastructure for Faculty Educational Technology Resource Room

- Most Current Technology
- Experienced Faculty and Staff Guide Use of Technology with NTID Faculty
- Resource Room
- Product Development
- Loan System for Equipment



<http://www.rit.edu/~493www/>

Infrastructure for Faculty Instructional Design & Evaluation

- Instructional Developers Lead Projects
- Team of Multimedia Developers, Graphic Designers, Photographers, Evaluators



<http://www.rit.edu/~491www/>



Infrastructure for Faculty Instructional Television

- Traditional Television Production
- Captioning Process
- Classroom Captioning
- Videoconferencing



<http://www.rit.edu/~490www/etv.html>

Infrastructure for Faculty Equipment Services

- Equipment
- TTY/Videophone
- Assistive Technology
- Smart Classrooms
- Classroom Presentation Systems



<http://www.rit.edu/~493www/equipment.html>

Infrastructure for Faculty Technical Support & Operations

- Computer Set-up & Maintenance
- Software Support & Networking
- Document & Printer Services



<http://www.ntid.rit.edu/tso/index.htm>

Infrastructure for Students **NTID Learning Center**

- Computer Classroom
- Computer Lab
- Tutoring
- Videoconferencing



■ <http://www.rit.edu/~482www/nlc/nlchome.htm>

Infrastructure for Students **Self-Instruction Lab**

- Supports Signed and Spoken Communication Instruction
- Courses From
 - Audiology
 - English
 - Speech & Language
 - Sign Language & Interpreting



■ <http://www.rit.edu/~482www/sil/>

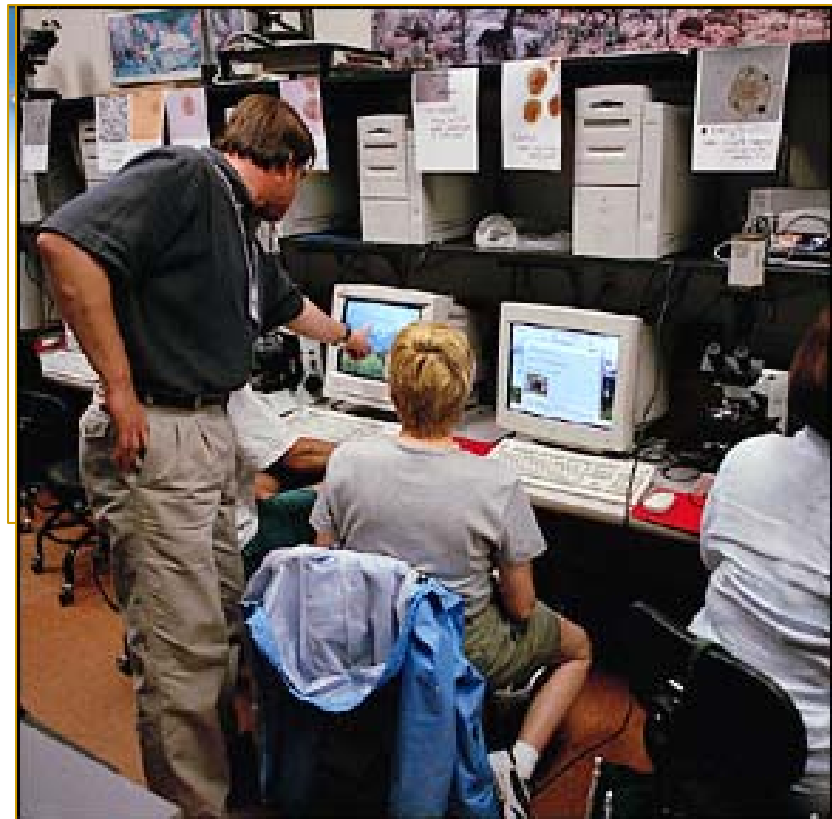
Infrastructure for Students Computer Labs

- Optical Finishing
- Medical Billing & Coding Technology
- Business
- American Sign Language & Interpreting Education Lab
- Digital Imaging & Publishing



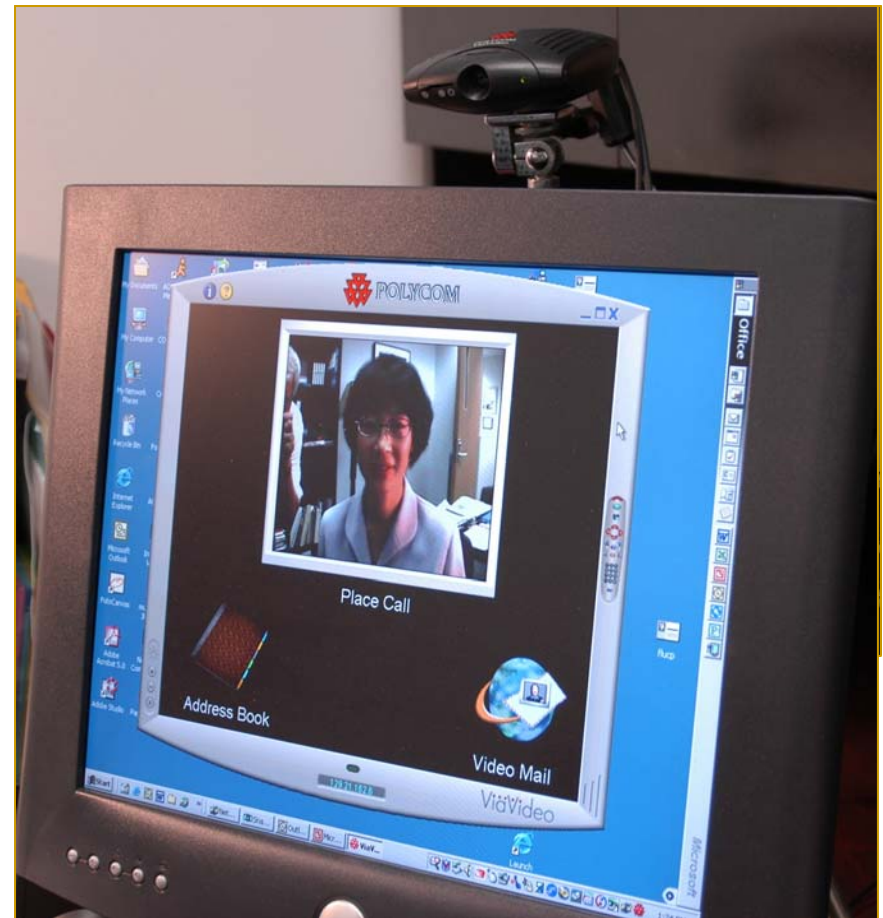
[Online Technology WWW Courses]

- Training and Support
 - Publisher & Other Authoring Systems
- RIT *My Courses*
 - Web-based Course Management System
 - Automates Typical Presentations
 - (Reviewed later in this presentation)



[Online Technology Videoconferencing]

- Application
 - Teaching
 - Meeting
- Format
 - Classroom/
Meeting Room
 - Desktop



[Communication Technologies SLLPL]

- Spoken Language Learning & Practice Lab
- Spoken Language Learning & Practice Lab
- Students Work on Variety of Spoken Language Skills



■ <http://www.rit.edu/~462www/index.html>

Communication Technologies **Weitbrecht Telecommunication Lab**

- Communication Technologies Course
 - Clark & Snell
- Telephone Network
- Wireless Network
- Internet Communication



Technology Used in NTID Classrooms

- Standard NTID Classroom Based on Years of Experience
- Incorporates Latest Technology
- Access Emphasis



Video Overview at:

http://www.ntid.rit.edu/co/TSS/NTID_Smart_Classroom.cfm

[Features of an NTID Classroom]

- Help System
- Control Room Lights
- Whiteboards
- Smart Board
- Resident Computer
- VHS/DVD
- Visualizer
- Connect Laptop
- Connect Video Phone
- FM System
- Freeze Image

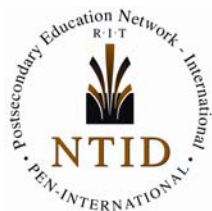
[myCourses]

- Web-based Course Management System
- Online Environment to Post Course Materials
- Interaction with and Between Students
- Student Registration, Email and Grade Information from University Databases
- Does Not Require Extensive HTML, Web or Programming Skills

Instructional Technology and Education of the Deaf Symposium

- June 27 – July 1, 2005
- Sponsored by:
 - NTID
 - Nippon Foundation
 - PEN-International
- 248 Participants
 - 17 Countries

<http://www.rit.edu/~techsym>



2/28/2007



Accessing Symposium Resources on the Web



Abstract

Paper

Presentation

- Media
- Captions
- Streaming Video
- Photos

PowerPoint Presentation

Today's Agenda

1. What kind of organization is The Nippon Foundation?
2. Face-to-Face Education
3. Education through Information Technology
4. Opportunities for the Future

Captions

The Growing Importance of Global Education Networks in the Age of Information Technology

Yohei Sasakawa

THIS MORNING, I AM HONORED AND PRIVILEGED TO INTRODUCE THE FIRST SPEAKER FOR THE SYMPOSIUM, MR. YOHEI SASAKAWA, PRESIDENT OF THE NIPPON FOUNDATION. HE HAS BEEN PRESIDENT SINCE 1989.

Session Photos

The Growing Importance of Global Education Networks in the Age of Information Technology

Yohei Sasakawa

There are 3 Photos for this session/workshop

Previous Next

Streaming Video

The Growing Importance of Global Education Networks in the Age of Information Technology

Yohei Sasakawa

The technology that makes video streaming and synchronized caption displays is being revised. At this time it is possible you may experience technical problems. Currently this video stream technology is designed to function with Internet Explorer, Media Player, and RealOne Player.

I HOPE THAT YOU WILL BE ABLE TO LEARN SOMETHING FROM OUR ACTIVITIES.

>> Through Interpreter: TODAY, I WOULD LIKE TO TALK ABOUT THESE FOUR SUBJECTS THAT YOU SEE ON THIS AGENDA. LET ME START WITH THE INTRODUCTION OF OUR FOUNDATION, NIPPON FOUNDATION.

Next Symposium Scheduled for June 2008

- Sign-up for Email Announcements
- Suggest Program or Format Ideas
- Possible Greater Focus on Access Solutions
- <http://www.rit.edu/~techsym>



NTID Center on Access Technology

- <http://www.ntid.rit.edu/cat>
- Four Strands of Research
 - Classroom Access Technologies
 - Mobil Technologies
 - Training and Evaluation Services
 - Audio and Sound Technologies



NTID Center on Access Technology

- Examples of Proposals Being Considered
 - Comparison of Support Technologies
 - Technology to Display Text
 - Instructional & Public Venues
 - Personal or Public Channels
 - Remote Access To & From Presentation Rooms
 - Captioning of Online Multimedia Presentations
 - Focused Sound Systems
 - Interpreter Video Systems in Vans and Buses



[Questions or Comments]

