

Instructional Technology at National Technical Institute for the Deaf

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Mahidol University, Thailand



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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>



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NTID & PEN-International

- NTID – 35 Years Experience
- PEN-International Shares NTID Experience with Partners
- NTID Faculty & Technical Experts Develop Materials & Share Information



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Context for Instructional Technology at NTID

- Instructional Design*
 - Analysis/Objectives
 - Instructional Strategy/Materials
 - Formative/Summative Evaluation
- Educational Technology and Teaching
 - <http://www.rit.edu/~pen2>

* Gagne, Briggs & Wager 1992, Principles of Instructional Design.



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Context for Instructional Technology at NTID

- Events of Instruction and Processes of Learning*
 - Get Attention/Share Objectives
 - Present Material/Guide Learning
 - Performance/Feedback
 - Assess Performance/Retention & Transfer



* Gagne, Briggs & Wager 1992, Principles of Instructional Design.

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NTID Technology Expertise Topics for Today

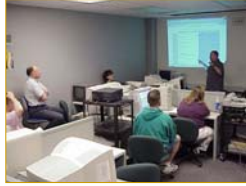
- Faculty Technology Skills
- Technology Infrastructure for Faculty
- Technology Infrastructure for Students
- Online Technology
- Communication Technology
- Future Activities



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Faculty Technology Skills Professional Development Program

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



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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/>



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Faculty Technology Skills RIT Resources

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

Instruction & Training	
RIT Library ITS & Online Learning	SmartOffice Campus Q&A
Sponsored Instruction Schedule	Computer Based Training
Help Guides: Subject and Topical	Research Collaborative Help Guides
Evaluation Forms	Information Literacy
Multimedia Instruction Modules	Copyright / Plagiarism
PowerPoint, Flash and Streamed Audio	Schedule a Library Resources Class (Shapiro)
Online Instruction & Tutorials	Schedule a Library Resources Consultation
Reference Instruction Services	Writing and Research Resources
How to Do Research at RIT Library	



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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/>



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Infrastructure for Faculty Instructional Design & Evaluation

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



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



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Infrastructure for Faculty Instructional Television

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



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



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Infrastructure for Faculty Equipment Services

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



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



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Infrastructure for Faculty Technical Support & Operations

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



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



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Infrastructure for Students NTID Learning Center

- Computer Classroom
- Computer Lab
- Tutoring
- Videoconferencing



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



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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/>



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Infrastructure for Students Computer Labs

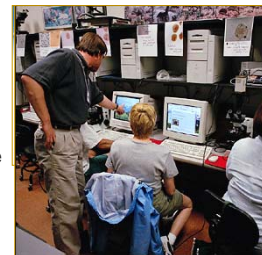
- Optical Finishing
- Medical Billing & Coding Technology
- Business
- American Sign Language & Interpreting Education Lab
- Digital Imaging & Publishing



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Online Technology WWW Courses

- Training and Support
 - Publisher & Other Authoring Systems
- RIT My Courses
 - Web-based Course Management System
 - Automates Typical Presentations



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Online Technology Videoconferencing

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



Communication Technologies SLLPL

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



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

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Communication Technologies Weitbrecht Telecommunication Lab

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



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Future Activities Instructional Technology Symposium

- June 27-29, 2005 in Rochester
- Post-Conference Workshops
- WWW Resources and Streaming
- <http://www.rit.edu/~techsym>



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Future Activities Instructional Technology Symposium



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



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