TECHNOLOGY INITIATIVES AND ORGANIZATIONAL CHANGE: HIGHER EDUCATION IN A NETWORKED WORLD

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Virginia Tech: IDI

Instructional Development Initiative

http://www.ms.vt.edu/idi.html
IDI Goals: Faculty Development

- Motivate teaching faculty to investigate, create, use alternative instructional strategies
- Access to state-of-the-art instructional technology
IDI Goals: Student Access

- Advice about computer technology
- Access to computing resources and software unique to disciplinary areas
- Network-based training materials
IDI Goals: Course Development

- Support faculty
- Electronic libraries of scholarly materials
- Classroom and presentation facilities
The Virginia Tech Experience

self-organizing, collaborative work

VTOnline

http://vto.vt.edu

Scholarly Communications Project

http://scholar.lib.vt.edu
About the Project
EJs: Electronic Journals
EReserve: VT Online Class Materials
ETDs: Electronic Theses and Dissertations
VT Imagebase
International Newspapers Online
Reports: VT Digital Library
Special Collections
Virginia News
VIVA Special Collections
Virginia Tech Publications

Send comments and questions to webmaster@scholar.lib.vt.edu

http://scholar.lib.vt.edu

University Libraries
Virginia Polytechnic Institute and State University
updated Nov. 18, 1997 (GMc)
EJournals from SCP

- ALAN Review
- Journal of Computer-Aided Environmental Design and Education
- Journal of Fluids Engineering
- Journal of Industrial Teacher Education
- Journal of Technology Education
- Journal of Technology Studies

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- +5 journals mirrored from commercial scholarly publishers
- Journal of the International Academy of Hospitality Research
- Journal of Vocational and Technical Education
- Journal of Youth Services in Libraries
- Society for Philosophy & Technology
- Women in Literature and Life Assembly

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- +3 “dead” titles
SCP Staffing

- **Director**
  - librarian, faculty member
  - half- then full-time from Technical Services

- **Technical Director**
  - programmer then upgraded to systems analyst
  - half-time shared with Library Automation

- **Programmer**
  - half-time “Adds Clerk” from Serials/Technical Services
  - evolved into full-time HTML markup
  - upgraded from grade 5 to grade 10
## Virginia Tech Electronic Theses and Dissertations

http://scholar.lib.vt.edu/theses/

**VT ETDs: unlocking access to graduate research**

<table>
<thead>
<tr>
<th>Of General Interest</th>
<th>Primarily for Graduate Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Browse All Available VT ETDs</td>
<td>Submission Information</td>
</tr>
<tr>
<td>Search VT ETDs</td>
<td>Introductory Workshops</td>
</tr>
<tr>
<td>National Digital Library of Theses and Dissertations</td>
<td>Form: Submit an ETD to the Graduate School</td>
</tr>
<tr>
<td>NDLTD flier</td>
<td>Form: Committee Approval</td>
</tr>
</tbody>
</table>

- VT ETDs and the US Copyright Law
- Preparing Your ETD at Virginia Tech
- ETDs: Library Issues and Responsibilities
- The VT ETD Library: Some Recent Data

- flier
- slide show
- flier
- slide show
ETD Goals

- Graduate research results become more readily and more completely available
- Graduate education improves by sharing research
- Universities unlock intellectual property
- Libraries improve services without increasing staff
- Graduate students learn about e-publishing
- Graduate students save money
- Libraries require less shelf/physical space
- Continuous online access
http://scholar.lib.vt.edu/InterNews/
http://reserve.lib.vt.edu

**STUDENTS:** access class materials

- Browse a list of **class numbers**
- Browse a list of **instructors’ names**
- Enter a **class number**
  
  **Dept:** [ ] **No:** [ ] **Search**

- Enter (all or part of) an instructor’s last name
  
  [ ] **Search**

**Instructors:** give students access to class materials

- Link a class’s homepage stored on your server
  - managed by you
- Request space on the **library’s server** for your class
  - homepage
  - managed by you
  - Here’s a homepage template.
- Submit class materials to be stored on the **library’s server**
  - managed by the library
Welcome to Virginia Tech Online! Browse our site and discover electronically enhanced classes and academic resources.

What is VTOonline?
VTOonline is the virtual center for online learning, linking you to Virginia Tech's expertise with integrating technology and education, and with exploring network-based educational opportunities.

VTOonline connects you to instruction for credit and non-credit; professional development programs; certificate programs; extension and outreach activities. VTOonline brings computer-enhanced instruction to traditional, for-credit courses. Faculty guide the VTOonline initiative and assure its academic excellence and program quality.

VTOonline not only supports learning at the Blacksburg campus, but also across the Commonwealth to extended campus sites, and to the global community. VTOonline helps Virginia Tech realize its land-grant goals in the Information Age by linking people to the education resources they need.

http://www.vto.vt.edu
VTOnline Goals

- Support students through links to online services and resources
- Encourage development of e-classes through online faculty services
- Demonstrate how VT strives to recruit and retain international students
Virginia Tech Online へようこそ！

このホームページはヴァージニア・テック州立大学（Virginia Polytechnic Institute and State University）が提供する、様々な学習機会についてのホームページです。

VTOngline とは？

VTOngline は、テクノロジーと教育の統合を目指し、ヴァージニア・テックの専門知識の利用及びコンピューター・ネットワークによる学習の機会を、皆様に提供するオンライン学習センターです。

入学手続き

講座

市民教育・サービス

学生コーナー

教員コーナー

講座、その他に使われる言語は英語です。
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