

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

**Joanne Eustis, Information Systems**

**Gail McMillan, University Libraries**

**Virginia Polytechnic Institute and State University**



# 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>*





<http://scholar.lib.vt.edu>

Send comments and questions to  
[webmaster@scholar.lib.vt.edu](mailto:webmaster@scholar.lib.vt.edu)



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

- [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](#)



# 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**

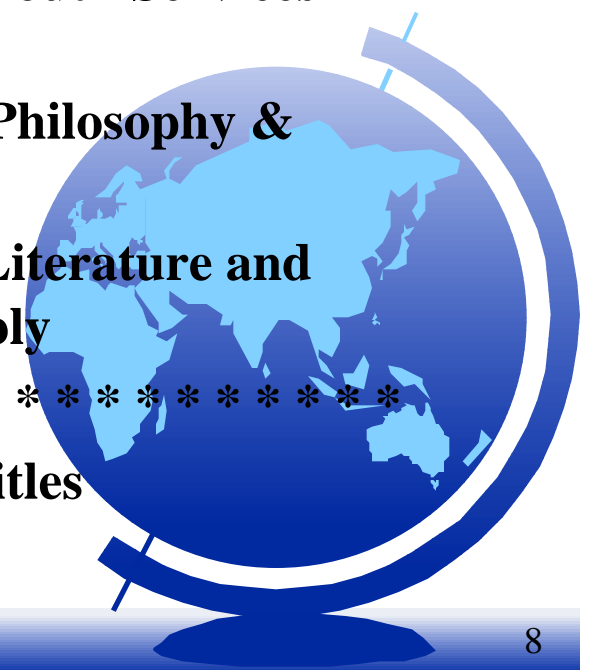
\*\*\*\*\*

- ❖ **+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**

\*\*\*\*\*

- ❖ **+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

<b>Of General Interest</b>	<b><i>Primarily for Graduate Students</i></b>
<a href="#">Browse All Available <i>VT</i> ETDs</a>	<a href="#">Submission Information</a>
<a href="#">Search <i>VT</i> ETDs</a>	<a href="#">Introductory Workshops</a>
<a href="#">National Digital Library of Theses and Dissertations</a>	<a href="#">Form: Submit an ETD to the Graduate School</a>
<a href="#">NDLTD</a>  <a href="#">flier</a>	<a href="#">Form: Committee Approval</a>


[VT ETDs and the US Copyright Law](#)

 [flier](#)


[Preparing Your ETD at Virginia Tech](#)

 [flier](#)

[ETDs: Library Issues and Responsibilities](#)

 [slide show](#)

[The \*VT\* ETD Library: Some Recent Data](#)

 [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://scholar3.lib.vt.edu/VA-news/VA-news.html>



The screenshot shows a website header with a globe icon and the text "scholarly communications project". Below this is a map of Virginia with the text "Virginia News". To the right of the map, it says "A service of the Scholarly Communications Project" and "University Libraries, Virginia Polytechnic Institute and State University". Below the map, there are three logos: "RT THE ROANOKE TIMES", "VP The Virginian-Pilot", and "WDBJ YOUR HOMETOWN STATION WDBJ 7". At the bottom of the logos, it says "Search the news archives".



<http://scholar.lib.vt.edu/InterNews/>



# International Newspapers Online



# <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:

- Enter (all or part of) an instructor's last name

## 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



*"fair use"*



<http://www.vto.vt.edu>



## Virginia Tech Online

Admissions



Classes



Library



Student Services



Faculty Services



Extension



Bookstores



What's New



Russian



Français



Deutsch



Español



Zhong  
Wén



Nihongo

Welcome to **Virginia Tech Online**! Browse our site and discover electronically enhanced classes and academic resources.

What is **VTO**Online?

**VTO**Online 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.

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

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



# 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



Russian



Français



Deutsch



Español



Zhong Wén



English



講座、その他に使われる言語は英語です。

### 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

## 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。

### VTOnline とは?

**VTOnline** 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。

**VTOnline** は、ヴァージニア・テック州立大学の教員の指導による大学、大学院の単位の取得、聴講、資格取得、職業人の知識開発、市民サービス・教育、市民講座等の、優れたプログラムを提供するコンピューター・ネットワークです。



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