



Virginia E-Learning Highlights



George Mason University

- **On-line Program Development:** the College of Education and Human Development through the Virtual High School project, is collaborating with three Virginia school districts to offer innovative online options guided by SOL-tested content areas.
- **Expanding Access to Communities:** GMU is meeting workforce needs through its master's programs in nursing, bioscience management, and computer science.
- **Nationally Recognized Programs:** Technology Across the Curriculum is a program that assists faculty with technology-enhanced course development. The Center for History and New Media has produced a virtual archive of 9/11 events, stories, and experiences, digital history projects, and electronic resources for historians.



James Madison University

- **Online M.S. and M.B.A. in Information Security**

Established in January 1997, the online Information Security programs offer graduate degrees with an emphasis in either computer science (M.S.) or an M.B.A. Among the first graduate Information Security programs in the nation, the InfoSec programs offer classes that are tailored to the needs of working professionals and are available world-wide at anytime.

- **Faculty Summer Institute for Online Course Development**

The Summer Institute is a one-week professional development workshop that assists faculty with developing and teaching online courses. Each year since 2002, the number of courses has doubled and summer online enrollments have grown by an average of 67%, from 18 in 2002 to 810 in 2005.



Norfolk State University

- **Bachelor of Science in Interdisciplinary Studies** the first of several degree programs to be **offered online** beginning Fall 2006. Interdisciplinary Studies has proven to be an ideal academic program that accommodates the varied and accumulated interests and experiences of adult learners. This program is appreciated for the flexibility it provides the learner to assist in creating the desired curriculum.
- **Course Quality Review** performed on thirty-three (33) online courses during Summer 2005. The review which utilized a modified version of the rubric developed by QualityMatters.org provided a significant benchmark and focus for applying effective principles of online teaching that will enhance learner outcomes.



Northern Virginia Community College

- **Virtual Hybrid Courses:**

Beginning with the Dental Hygiene AAS, NVCC is expanding its offerings via the Virtual Web Classroom: synchronous, live sessions using Centra software and asynchronous Blackboard web activities. Laboratory requirements are met by using on-site adjunct faculty to supervise the students' clinical experiences in their home communities.

- **Faculty development:**

NVCCs Extended Learning Institute focuses on quality e-learning by assisting faculty to go beyond posting text and call it a distance course. Working together in learning communities with Instructional Designers, faculty apply learning theory and begin to design their own active learning strategies, demonstrating why it is worth the effort to create interactive distance learning course elements that challenge and involve students in their own learning.



Old Dominion University

- **Master's Engineering Management via CD-ROM**

Old Dominion University offers a Master of Engineering Management via CD-Rom in partnership with the Navy. This program was recognized in US News and World Report for the largest online graduate engineering program in the nation for the second consecutive year. In addition, the program received the 2005 award for "Excellence in Academic Leadership of Graduate Programs in Engineering Management" from the American Society of Engineering Management.



Old Dominion University

- **On-line R.N. to B.S.N Program**

New in Fall 2005, courses for the RN to BSN program are available online, providing working students with the flexibility needed to complete their degree.

Radford University

- **Instructional Technology Integration:** The College of Information Science and Technology and the College of Education have piloted hybrid online distance education courses using both synchronous and asynchronous web based instruction using Macromedia Breeze, IP based teleconferencing, and WebCt technologies.
- **Faculty development training:** Programs designed by the Technology in Learning Center, Academic Computing, and Distance Education Departments now emphasize using web based instructional technologies for both distance and on campus instruction.

Radford University

- **Multimedia and Telecommunication Classrooms:** RU is currently completing conversion of on campus and extended center telecommunications classrooms from ATM delivery to IP (Web based) delivery. New IP based telecommunications fixed and portable classrooms can now integrate with campus WebCt and Macromedia Breeze technologies to provide multi-dimensional technology delivery models for RU instruction, labs, mentoring, and meetings at a distance. To support expanded instructional technology applications, Radford University is now a fully integrated wireless campus.



University of Mary Washington

- Implemented wireless network connectivity in all academic buildings on both campuses.
- Joined EDUCAUSE Learning Initiative in Fall, 2004. UMW faculty member to present at annual meeting in 2006.
- Explored and developed use of open-source teaching and learning tools such as blogs, wikis, and podcasting via “Profcast.org.”
- Subscribed to ARTstor, bringing an online library of over 500,000 fine arts images to entire University community, on- and off-site.
- Faculty Academy on Instructional Technology and Student Academy on Information Technologies showcased faculty and student work, and brought guest speakers to campus from the EDUCAUSE Learning Initiative, the National Institute of Technology in Liberal Education, and the University of British Columbia.



University of Virginia

- **Virtual Governor's School and UVA:** UVA faculty initiated a pilot program with the Blue Ridge Virtual Governor's School to use multiple distance learning technologies in delivering the course "Explorations in Engineering."
- **Teaching+Technology Initiative (TTI):** Provides fellowship funds and comprehensive support for faculty who want to integrate technological innovation into classroom instruction.
- **Flexible Learning Environments:** Students both on- Grounds and beyond have multiple demands on their time and attention. UVA and its School of Continuing and Professional Studies are utilizing a variety of eTools to create accessible learning environments to facilitate students' ability to learn anytime, anywhere.



Virginia Commonwealth University

- *Faculty Development and Blackboard*

The Center for Teaching Excellence at VCU has developed a thematic strand of courses to assist faculty in learning how to teach effectively with Blackboard. Particular emphasis is placed on course design and best practices in blended learning environments.

- *Learning Online Network with Computer Assisted Personalized Approach*

LON-CAPA is an open source learning content and assessment management system that has been implemented at VCU to support student learning in the sciences. This distributed network system permits the authoring, sharing and delivery of online problem sets both within and among universities.



Virginia Community College System

- **Enterprise Course Management System:**
 - The VCCS utilizes *Blackboard* to provide comprehensive instructional support and resources to faculty and students across the Commonwealth. With nearly 500,000 student accounts, 9000 courses, and 4.6 million logins since August, this system is the cornerstone of VCCS E-learning activity.
- **VCCS Portal Project**
 - The VCCS is developing and implementing a student portal that will provide a personalized single sign-on entry point for all instruction and student community activities.

Virginia Tech

- Educause Award for Systemic Progress in Teaching and Learning
 - Recognized for strong campus-wide commitment to improving learning through technology
- Educause Award for Excellence in Information Technology
 - Joined together with GMU, JMU and UVA to bolster the state's defenses against network security problems
- Math Emporium - award-winning, 24X7 technology-enriched advanced learning community in mathematics
- Institute for Distance & Distributed Learning continued growth:
 - 85% of academic departments engaged in eLearning course development
 - Over 14,000 projected credit & non-credit eLearning enrollments- FY06
 - 8th Online Summer Session (Su 05) – nearly 3,300 credit enrollments
 - Online Master of Information Technology degree - international award winning program now offered to targeted international audiences
 - Natural Resources Distance Learning Consortium partnership with U.S. Forest Service