

E-LEARNING



NORTHERN
ARIZONA
UNIVERSITY

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E-LEARNING

A recent U.S. Department of Education report to the nation on technology and education calls technological literacy “as fundamental to a person’s ability to navigate through society as traditional skills like reading, writing, and arithmetic.” (Journal of Educational Computer Research. Volume 24, Number 4/2001) Northern Arizona University’s (NAU) E-Learning initiative addresses this issue through effective and innovative use of information technology to support student learning, provide wider access to education, and infuse technology skill development into all aspects of learning.



The E-learning initiative contributes directly to the increased access to education across Arizona and to increase Arizona learners’ information technology skills critical to the new, knowledge-based economy.

E-Learning will prepare residential

and distance students with essential skills for the workplace in our increasingly technology-sophisticated world. We will establish NAU as a leading institution for utilizing e-learning to enhance educational quality and access.

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Dr. Don Carter,
E-Learning Director

PERFORMANCE ANALYSIS

The E-Learning Initiative has a clear focus on workforce development. Enhancement of technological skills as a result of the integration of technology across the curriculum with a sharpened focus on student learning will prepare NAU graduates for a knowledge and innovation based Arizona economy.

- Curriculum innovations are critical to developing student’s technological skills. These innovations include the development and offering of new online courses, hybrid courses, and course redesign at the undergraduate level. A majority of course offerings at NAU will integrate a technology component into the classroom.
- Advances in student centered E-learning occur through research and development activities. E-Learning’s R&D efforts are reflected in support for faculty through innovation funds and a best practices laboratory. New technologies, teaching practices, and standards of quality centered on learning in a technological environment are a focal point for the E-Learning Initiative.
- Increasing access to higher education for Arizona’s citizens is a major goal for E-Learning. Through E-Learning technology, enrollment in online, hybrid, and information technology enhanced courses are expected to greatly increase over the next five years.

Students who are time and place bound will be able to enroll in NAU courses and degree programs through improved access to the University.

- The impact of the E-Learning Initiative is measured by the number of students with enhanced and advanced technical literacy skills. Multiple indicators (e.g., observations, questionnaires, test score data, interviews, etc.) are characterizing the level of student technological skills.
- Partnerships and collaborations in E-Learning are between academic units and distance learning programs at NAU. E-Learning is an integral part of the Arizona Universities Network and provides support for the creation and continuous improvement in online, hybrid, and on-site courses. As new e-learning technologies emerge, partnerships with corporations are likely to occur to serve business training needs.



FINANCIAL INFORMATION

	FY 2002 Actual	FY 2003 Actual	FY 2004 Actual	FY 2005 Actual	FY 2006 Budget	FY 2007 Budget	FY 2008 Budget	FY 2009 Budget	FY 2010 Budget	FY 2011 Budget	TOTAL
REVENUE											
Carry Forward	\$0	\$674,138	\$637,033	\$831,019	\$994,983	\$ -	\$ -	\$ -	\$ -	\$ -	
New TRIF Revenue	1,354,355	1,161,953	1,704,522	2,160,000	2,268,000	1,810,000	1,810,000	1,810,000	1,810,000	1,810,000	\$17,698,830
TOTAL REVENUE	<u>1,354,355</u>	<u>1,836,091</u>	<u>2,341,555</u>	<u>2,991,019</u>	<u>3,262,983</u>	<u>1,810,000</u>	<u>1,810,000</u>	<u>1,810,000</u>	<u>1,810,000</u>	<u>1,810,000</u>	
OPERATING BUDGET											
Personal Services	\$567,521	\$1,103,269	\$1,310,577	\$1,525,599	\$2,740,906	\$1,608,092	\$1,608,092	\$1,608,092	\$1,608,092	\$1,608,092	\$15,288,332
Operating	112,696	95,789	199,959	470,437	522,077	201,908	201,908	201,908	201,908	201,908	\$2,410,498
TOTAL EXPENDITURES	<u>\$680,217</u>	<u>\$1,199,058</u>	<u>\$1,510,536</u>	<u>\$1,996,036</u>	<u>\$3,262,983</u>	<u>\$1,810,000</u>	<u>\$1,810,000</u>	<u>\$1,810,000</u>	<u>\$1,810,000</u>	<u>\$1,810,000</u>	<u>\$17,698,830</u>

Funding of the Arizona Board of Regents’ Technology and Research Initiative Fund (TRIF) is provided by a 0.6 percent increase in the Arizona sales tax rate approved by the voters through Proposition 301 on the November 2000 general election ballot.

GOALS

E-Learning strives to increase access and quality of education for all Arizona citizens, thereby developing our workforce and addressing the needs of the New Economy. Specific goals include:

- ◆ Integrate web technology into the learning experience at NAU to enhance technological skills and access to knowledge, and ensure that all NAU graduates achieve a fundamental level of technological competency.
- ◆ Provide technical support and training for faculty in the integration of technology into the classroom.
- ◆ Continue to assess effectiveness of e-learning technology, and develop and implement new strategies to identify and use best practices to take advantage of new technologies.
- ◆ Market and promote e-learning to students wishing to access educational opportunities via the internet..

MANAGEMENT

The E-Learning Center is managed by the Director of ELearning, Don Carter, who reports to the Vice Provost for Undergraduate Studies.

ADVISORY BOARDS

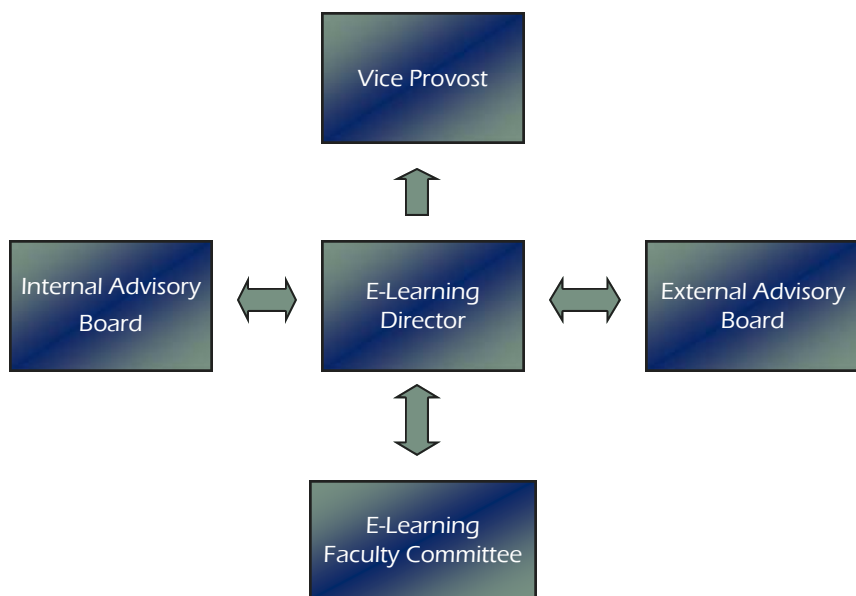
There are two internal and one external advisory boards for the E-Learning Initiative:

The E-Learning Internal Advisory Board consists of administrative and faculty leaders on campus who have a vested interest in the success and implementation of the Initiative.

These include the E-Learning Director, the Director of Faculty Development, six faculty, two students, and representatives from each of the following: Academic Chairs Council, Cline Library, Council of Deans, Distance Learning, Information Technology Services, and the Provost’s Academic Computing Advisory Committee.

The E-Learning Faculty Committee is responsible for recommending baseline learning outcomes, addressing standards, selecting courses for redesign, and reviewing internal grant projects.

An External Advisory Board is composed of three members who are leaders in the field of e-learning to provide guidance and national perspective on teaching and learning using technology.



LEARN MORE

Contact Don Carter, Director of the E-Learning Initiative, at don.carter@nau.edu, or 928-523-1605. Or Visit the e-Learning website at <http://www.nau.edu/elearning>

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