

Oregon University System Distance Education Networks

DAS Data and Video Services (Formerly ED-NET)

Oregon ED-NET was established as a state agency in 1989 to develop and operate an educational telecommunication network throughout the state. In 1998, ED-NET became part of the Oregon Department of Administrative Services (DAS), and was renamed Data and Video Services (DVS). Oregon University System (OUS) is a major user of DVS, offering over 120 courses and accounting for 80% of Network II programming during the last two years. Network II is a compressed, satellite-based, videoconferencing network which offers two-way video and audio connections to 39 learning centers throughout the state including all OUS campuses and community colleges. Network II services will terminate on June 30, 2001.

During the summer of 2000, DVS began construction of a new Internet protocol (IP) videoconferencing network. The network connects over 230 high schools and Education Service Districts (ESDs) in Oregon with two-way video and audio conferencing services. OUS and the community colleges plan to transfer distance education programs from Network II to the new IP video network during the 2000-2001 academic year.

OWEN (The Oregon WidE-area Network)

OWEN is a collaboration among three state computer networks to realize cost savings by sharing bandwidth and access to Internet providers. The three networks include the Oregon University System (OUS) NERO network, the Oregon Department of Administrative Services (DAS) network, and OPEN, the state's K-12 network. OWEN provides online access to courses, research materials, and other educational services.

ISDN Videoconferencing (PictureTel/Lucent/Polycom)

OUS operates an ISDN-based (H.320) videoconferencing system for administrative and distance education use. In 1998, OUS upgraded the system with a new Lucent Multipoint Conferencing Unit (MCU). The Lucent MCU allows OUS institutions to connect with a wide variety of H.320 videoconferencing units worldwide.

Oregon WIN (Oregon Wireless Instructional Network)

Oregon WIN is a consortium of OUS institutions, community colleges, and K-12 schools that has entered into a public/private agreement to create a multi-channel ITFS (Instructional Television Fixed Service) video and data network in the Willamette Valley. Oregon WIN has an excess capacity lease agreement with American Telecasting, Inc. (ATI), a wholly owned subsidiary of Sprint Corporation. Under the agreement, ATI bears the cost of constructing and maintaining the educational network. The ITFS system delivers courses, seminars and cultural events directly to homes, learning centers, businesses, and schools from Eugene to Portland. Sprint uses the leased spectrum to provide wireless, highspeed Internet services to homes and businesses.

Source: OUS Office of Academic Affairs.

Oregon University System Distance Education Programs and Enrollment

Oregon University System (OUS) campuses have delivered distance education degree completion and graduate-level programs to non-traditional students in Oregon for over a decade. In the past, distance learning programs mainly used interactive video networks and were aimed at students unable to attend campus-based programs due to work or family responsibilities. In recent years, OUS campuses have participated in a rapid expansion of computer-based courses, programs, and educational services. This growth in “second generation” distance education has benefited both off-campus and on-campus students. Distance learning students are finding a greater range of course offerings and more flexible learning arrangements over the Internet. Many on-campus students are participating in distance learning offerings as a way to solve course scheduling problems and to enroll in courses that better fit their individual learning styles. As a result, distance learning enrollment and course offerings have increased dramatically in the last two years. In 1999-2000, OUS campuses experienced an enrollment of over 11,000 in 1,032 distance learning courses.

OUS continues to play a leadership role in the development of computer-based distance learning resources in Oregon. In 1998, OUS received a federal Fund for the Improvement of Postsecondary Education (FIPSE) grant to create a one-stop website for distance learning courses and services in Oregon. The Oregon ONE site (<http://OregonONE.org>) provides a web-searchable catalogue of over 2,500 distance learning courses and 75 programs from more than 22 community colleges and universities.

In 1999, OUS received a \$1.4 million, three-year federal Learning Anytime Anywhere Partnership (LAAP) grant to design over 100 web-based courses in about 20 OUS distance education programs and update systemwide policies and guidelines for online distance education.

Source: OUS Distance Learning Services.

Oregon University System Distance Learning Degree Programs

Degree Area	Institution	Receive Sites
Bachelor of Science in Nursing	OHSU-EOU	Ontario, Baker, John Day, Lakeview
Bachelor of Science in Nursing	OHSU-SOU	Gold Beach, Coos Bay, Roseburg
Bachelor of Science in Nursing	OHSU-OIT	Bend
Bachelor of Science in Nursing	OHSU	Salem, Astoria, Eugene, Albany
Environmental Education	SOU	Gold Beach, Lakeview, Grants Pass, Klamath Falls, Coos Bay, Medford, Roseburg
Criminology	SOU	Statewide
Early Childhood Education	SOU	Gold Beach, Lakeview, Grants Pass, Klamath Falls, Coos Bay, Medford, Roseburg
Liberal Studies Bachelor's	EOU	Statewide
Business / Economics Bachelor's	EOU	Statewide
Business Administration Bachelor's	EOU	Statewide
Physical Education & Health Bachelor's	EOU	Statewide
Philosophy, Politics, Economics Bachelor's	EOU	Statewide
Fire Services Administration Bachelor's	EOU-WOU	Statewide
Liberal Arts Completion Degree	OSU	Bend, Astoria, Newport, Hood River, Coos Bay
Bachelor of Science in Business	OSU	Multiple community college locations
Bachelor of Science in Agriculture	OSU	Oregon, Idaho, Washington
Master's in Dietetic Management	OSU	International
Teacher Education Licensure Program	OSU	Statewide
Master's in Manufacturing Engineering	OCATE	Portland, Corvallis, Eugene, Bend, Medford
Master's in Education	SOU	Gold Beach, Lakeview, Grants Pass, Klamath Falls, Coos Bay, Medford
Master's in Nursing	OHSU	La Grande, Ashland, Bend, Eugene
Master's in Teacher Education	EOU	Bend, Baker, Burns, Enterprise, John Day, Ontario, Pendleton
Master's in Business Administration	PSU	Statewide
Master's in Social Work	PSU	La Grande, Ontario, Bend, Eugene, Medford
Master's in Library Science	Emporia State	Statewide

Source: OUS Office of Academic Affairs.