

Vision Statement - Great Basin College

"According to the Council for Distance Learning, as many as ten million people worldwide study off-campus each year, learning through cable television, satellite, or guided independent-study programs. Statistics show that six percent of all college credits earned in the United States today are earned electronically." *The College Board*.

The future delivery of education and services by Great Basin College recognizes that the N-generation (next generation, teens and pre-teens) are extremely comfortable with the Internet and with cyberspace. In addition to traditional delivery methods, we anticipate that within a very short time it will be necessary to be able to also deliver **all** services via the Internet. The growth of class offerings via distant education delivery systems is growing at an geometric rate. We may be moving from "high tech, low touch, to high tech, no touch". If that is the case, what will be required of GBC to meet those needs? Our intention is to address these issues by looking at three areas;

1. The institution's overall technology plan;
2. Distance education plan;
3. Administrative services plan.

Technology plan- Year 2000

Great Basin College will continue to face limited human and financial resources into the new millennium. Economies of scale will prohibit stand alone technology development. The college has benefitted and will continue to benefit from a close relationship with System Computing Services. Therefore, the college will continue to support several of the system initiatives now being undertaken. Included in the budget portion of this statement is system budget requests. The college strongly supports the SCS budgets that are included because they actually are part of our technology plan for the future. Local plans listed below require budget support.

GBC will keep our network operating systems current to support the newest technologies.

1. NetWare version 5 has been purchased and will be installed on academic and administrative servers when it is released during the summer of 1998.
2. Setup web servers and sites for classes.

GBC will provide faster and more reliable service to the Internet for all sites.

1. SCS will be implementing ATM wide area networking which will give GBC sites faster access to the Internet and will support new video conferencing technologies.

Desktop video conferencing will be developed to deliver support and educational services to meet the needs of individual students.

GBC will upgrade connectivity for campus and all sites

1. Upgrade cable to 100BaseT Category 5 cable.
2. Replace Bay Network switches with Cisco switches.

Maintain LAN and WAN standards the same within the UCCSN system

Upgrade administrative and educational computers to a minimum Pentium 200Mhz.

Provide offsite access to Internet

1. Use 800 telephone lines for dial-up access to GBC modem banks for Internet access.
2. Place computers in local libraries and schools for Internet access.

Develop local expertise in data warehousing.

Distance education: Near term

Offer more course offerings so that residents of Ely, Winnemucca, and Battle Mountain can earn associate degrees in a shorter length of time.

Participate in the Rural Health Services Distance Education Project to bring specialized health science programs to northeastern Nevada.

Offer a sequence of courses via interactive video to meet recertification needs of the region's K-12 educators

Continue to be a partner in the Northeast Nevada Technology Consortium, which is currently dedicated to K-12 staff development in the integration of curriculum and technology with funds provide by the Technology Literacy Challenge Fund. Seek other funding sources to further enhance K-16 technology and distance education programs.

Be willing to provide to the region's residents courses/programs whose need is not currently known.

Increase number of public sites (e.g., schools & libraries) with convenient access to Internet

Increase the number of interactive video classrooms

Distance education students currently only have access to on-line subscriptions through their GBC campuses since subscriptions are available through IP computer addresses. The goal for 2000 is to make this information available to home computers.

About 2% of the world's knowledge is available electronically, but current materials are rapidly becoming electronic. The LRC will continue to purchase on-line subscriptions whenever desirable materials are available.

Administrative Computing: Student Information Services, Financial Services, Student Financial Aid, Human Resources

Student Information Services:

Support the SCS upgrade of the current Student Information System (SIS) to the Oracle data base so that it will be compatible with the data warehouse project

Evolve the current SIS system so that all services currently available to students on campus will be available all students via the Internet.

Support the UCCSN data warehouse initiative through the addition of staff and funding for training.

Purchase hardware to facilitate face to face communication with distant students. This will allow the equivalent delivery of services such as career information, financial aid interviews, counseling, and academic advising.

Student financial Services

The movement of federal student financial aid programs to a paper less environment will necessitate the need for technical staff and training money to upgrade current staff.

The delivery of services to distant students via the Internet will require additional training and hardware on campus and at distant sites.

Financial Services

The delivery of services to distant students via the Internet will require additional training and hardware on campus and at distant sites.

Implementation of Advantage 2000 on the current College and University Financial System (CUFS) will require extensive staff training in some cases hardware upgrades.

Human Resources

The college envisions a continued relationship with business center north. In so doing we support system initiatives to purchase or develop and install position control, automated document approval and leave accounting.

Development of a web interface is supported.

BUDGET

This request is in addition to current GBC technology initiatives

GBC PROJECTS

	EST. COST Yr. 2000	EST. COST Yr. 2002
Network operating system upgrades	\$10,000	\$25,000
Desktop video	\$100,000	\$100,000
Hardware-PCs	\$100,000	\$50,000
Training for administrative/academic software	\$80,000	\$50,000
Distance Education Hardware - (including building modifications)	\$218,000 -3 sites	\$75,000 -1 site
Personnel - Salary & benefits	\$75,000 - 2 fte	\$80,000 - 2 fte
Total GBC budget	\$583,000	\$380,000

UCCSN -SCS PROJECTS SUPPORTED BY GBC

	ESTIMATED COST
Data Warehousing	\$1,400,000
SIS upgrade	\$4,000,000
High speed networking and connection to Internet II	\$6,000,000
Total SCS budget supported by GBC	\$11,400,000

Submitted by Stan Aiazzi, revised 5-4-98