

Bauman dedication marks end of Phase I First stage of campus electronic network completed

Courtesy College Relations

Two and a half years ago, Guilford College began one of the most innovative projects in its history—the development of a full campus electronic network as an advanced research and educational tool.

The college's goal is to link every classroom, faculty office and student residence hall room with a state-of-the-art, computer-based telecommunications center which will provide access to a vast array of information sources. These include the library and other campus departments, resources of other college libraries in the Triad and the world at large via satellite and fiber optic connections.

The first phase of this \$5.5 million project has been completed with the dedication of the Bauman Telecommunications Center Nov. 7 and cable linkage of this facility with one of the larger residence halls, six new apartments, Founders Hall, a classroom, three major academic buildings, the library, New Garden Hall and the admissions, financial aid and continuing education facilities. Phase II will link the network with individual rooms in all other residence halls and academic buildings.

The centerpiece of this program is the Bauman Telecommunications Center building, a new structure designed and built specifically to house the central computer facility, computer laboratories, electronic classrooms and computerized office space. This 25,000 square foot telecommunications complex was made possible by a gift from Edward J. and Vivien Bauman of Greensboro. Edward Bauman is a trustee of Guilford College and former CEO of Blue Bell, Inc., before its sale to VF Corporation.

The Bauman building houses all academic and administrative computers. It also contains the following classrooms, computer labs and administrative offices:

- Two 25-station classrooms, computer-equipped for hands-on instruction, one with microcomputers and one with VAX termi-

nals; three seminar classrooms and one demonstration classroom.

- Three computer-equipped laboratories, one with 24 work stations for general student use; one with eight stations for specialized, advanced work; and one for a comput-



photo by Joan Malloch

Telecommunications dispatcher Katrina Reeder handles a call from the switchboard.

erized accounting laboratory, primarily for accounting students but available for all students at restricted times.

- A computer service office complex providing adequate hardware, office and training space, and organized for efficient operations, including a service depot.

- Offices for two academic departments—Education and Accounting—incorporating facilities to combine computer use with instructional programs.

The facility also houses the security and safety division and a new central telephone system. It functions as a 24-hour central nerve center for the college, monitoring residence hall security, fire alarms, heating and air conditioning as well as the electronic computer labs.

When the entire project is completed, this advanced learning and research facility will be one of the first of its kind among higher education institutions in the United States and unique among many liberal arts colleges of Guilford's size and quality.

sort makes this network a powerful technological tool for communication. This feature will provide for electronic mail campus-wide and will also provide direct access to faculty by students

- Computer-Assisted Instruction:

While Guilford remains committed to the human touch in teaching, software libraries will be developed in academic fields and integrated into teaching as an additional resource. For classroom uses, there are a number of disciplines which are ideal in computer-assisted instruction. Working on a terminal to correct and rewrite is invaluable in teaching writing skills. Various study skills are also taught effectively on the computer (reading skills, note taking).

- Instructional Software:

This will be available as a resource particularly in the areas of accounting, political science, mathematics, management, geology and education.

- Laboratory Work: Computers are very effective tools for analysis, charting and measurement of outcomes.


- Research: In this area,

the capabilities of the researcher are infinitely enlarged by access to stored data in all fields.

- Simulations: Computer simulations are also powerful tools for teaching. One example of this resource is currently in place in the Geology Department. With a series of three-dimensional maps, students have 7000 places in which to "drill" into a simulated earth and explore geological phenomena.

- Video Network: The network includes video transmission lines which will enable electronic transmission of audio-visual source materials to students and faculty at supported locations across the campus (classrooms, student rooms, offices). This includes live broadcasts, video-taped information, film, slides; it will be available for student use from terminals included in their rooms.

KNOW JUAN



Does It Better

Mon. thru Sat., 11am to 9pm

South/Central American
Clothing and Accessories
For Alternative People

425 Tate Street
Greensboro, NC 27403
919-271-6855

10% Discount
with this ad

== HOLIDAY FESTIVAL OF LIGHTS ==

December 10, 1991
Sternberger Auditorium
7:30 pm - 9:00 pm

Program is based on audience participation!
Take a study break! Fun, food, good time!