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An INTERTEC®/K-III Publication



Architectural Portfolio 1996

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00484154 999995 G ASU Q 0001 N 0112
LARRY GETTY BUDGET DIR
FORT HAYS STATE UNIVERSITY
600 PARK ST
HAYS KS 67601-4009

**AWARD-WINNING
AND OTHER OUTSTANDING
SCHOOL AND UNIVERSITY BUILDINGS**

CITATION

Fort Hays State University, Physical Science Building Hays, Kansas

Client: State of Kansas
Edward Hammond,
President, FHSU

Firm: Horst, Terrill & Karst
Architects

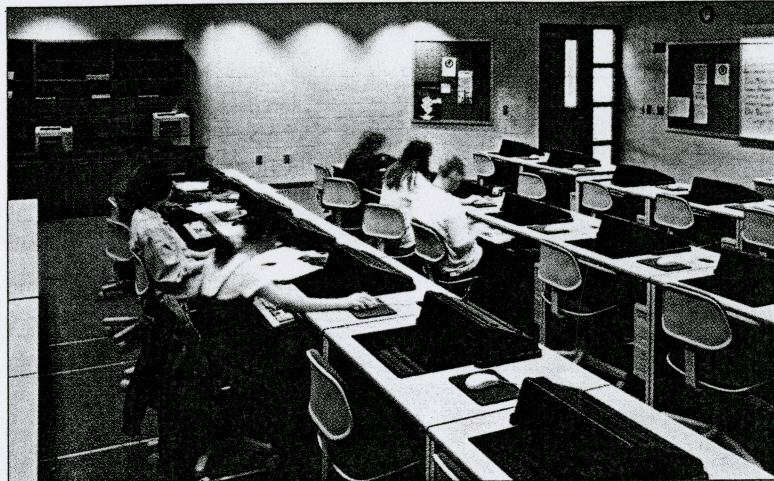
Associated firm: Stecklein &
Brungardt, Architects

Design team: Gary Karst,
Project Coordinator and
Designer;
Mark Franzen, Project
Manager;
Alan Stecklein, Project
Administrator

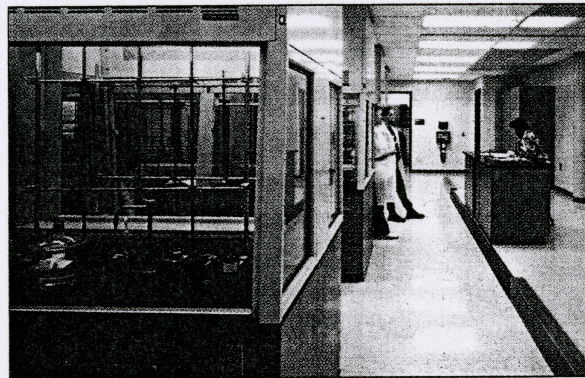
Capacity: 828
Space/student: 120 sq. ft.
Area: 98,821 sq. ft.
Total cost: \$10.4 million
Cost/square foot: \$105.24
Completion: August 1995

Fort Hays State University's program required the replacement of inadequate, outdated, deteriorating existing facilities with a new, state-of-the-art facility to house the computer center; the chemistry, geosciences and physics departments; and the university's pioneering long-distance off-campus learning program. The location provides easy access to the adjacent power plant, existing telecommunications lines, satellite connections and fiber-optic cables.

The design solution was developed during an intense on-site "squatters" session with the owner and resulted in a unique triangular footprint, which simultaneously resolved many issues. It maintained and enhanced existing pedestrian circulation routes through the site, while the landscaped plaza effectively extended the campus quadrangle to include this building. The plaza features a landmark elm tree, which the program required be saved, and expands

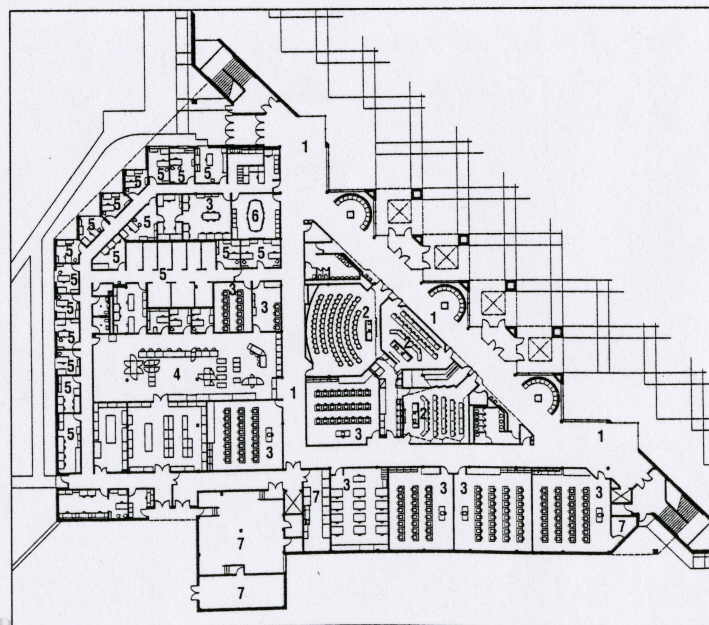


Computer lab



Organic/Biological chemistry

"A strong architectural statement with considerable attention to technology."



Floor plan

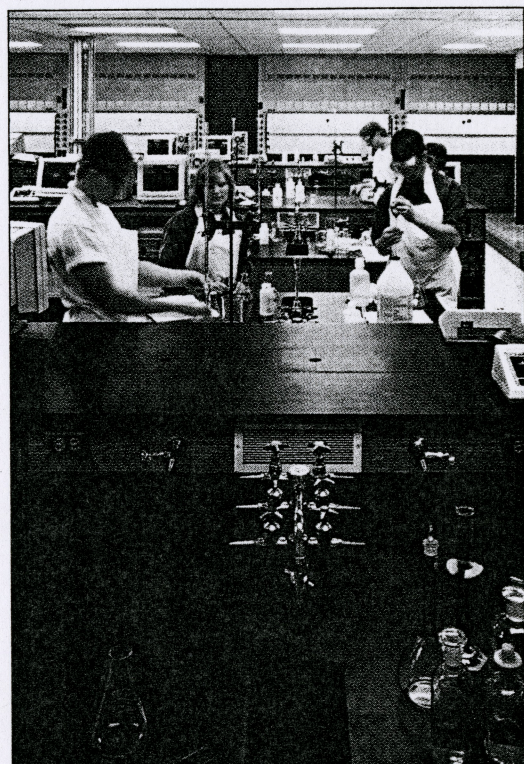
- LEGEND
- 1. Lobby
 - 2. I.T.V. Classroom
 - 3. Computer Lab
 - 4. Computer Mainframe
 - 5. Offices
 - 6. Conference Room
 - 7. Mechanical/Electrical



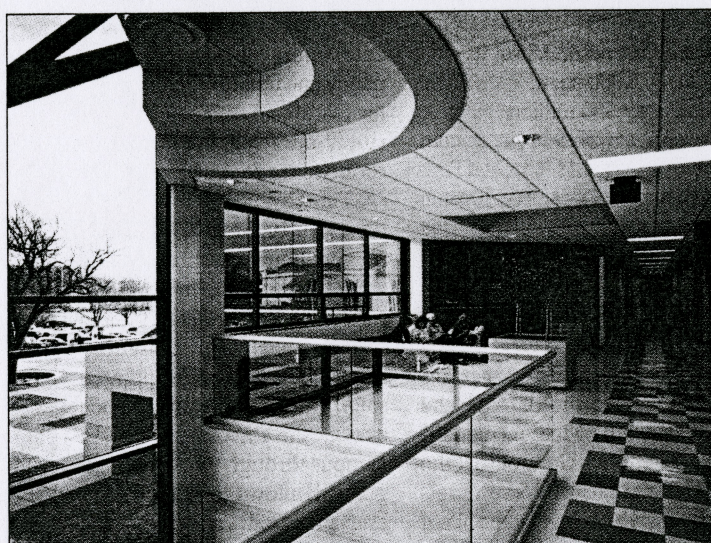
Exterior detail



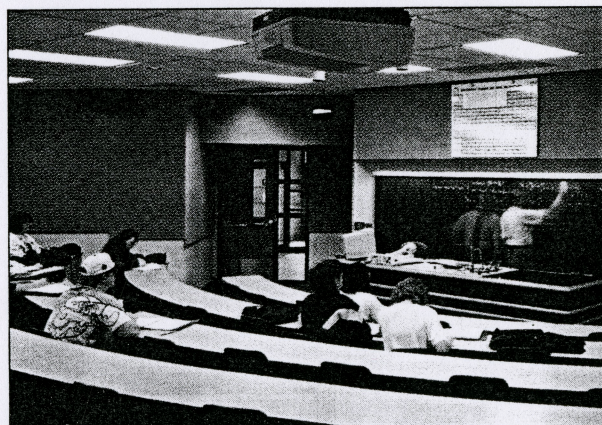
Exterior



Chemistry lab



Stairway lobby



Interactive TV lab

the open area of the park to the east. The building continues a campus theme of axial building views down many of the surrounding streets, when it is approached from the northeast.

The triangular footprint allowed each department's offices to be spaced equidistant from labs and for natural light to be introduced into nearly all office and lab spaces. Custom computer-integrated casework and audio/video equipment are featured in the labs and lecture halls.

The building conveys a dynamic, state-of-the-art appearance, while retaining a sense of continuity by including many design elements, such as the gabled roofs, punched windows and limestone detailing, which occur on other buildings throughout

the campus. The three-story building is articulated with horizontal bands of deep reveals in the limestone panels, textured stone bands in a subtle gray, and emphasized horizontal mullions in the window-wall system. Custom stone light-post bollards through the plaza echo the old stone fenceposts around the adjacent historic stone schoolhouse to the east of this building and help to illuminate and visually guide students to the main campus quadrangle.

The physical science and computer science disciplines are brought together by designing spaces that integrate technology into all of the educational-environment areas. Specially designed casework mixes typical "wet" lab experiments with computers.